

8-28-72 - Sub Report of Converting 2 water system

- Scout Report sent out ☒
- Noted in the NID File ☒
- Location map pinned ☒
- Approval or Disapproval Letter ☒
- Date Completed, P. & A, or operations suspended 6-5-59
- Pin changed on location map ☐
- Affidavit and Record of A & P ☐
- Water Shut-Off Test ☐
- Gas-Oil Ratio Test ☐
- Well Log Filed ☒

COMPLETION DATA:

Date Well Completed

OW

WW

TA

PA

OS

GW

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No. )

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☒

Location Map Pinned ☒

Card Indexed ☒

IWR for State or Fee Land ☐

Checked by Chief

Copy NID to Field Office

Approval Letter UNIT

Disapproval Letter

COMPLETION DATA:

Date Well Completed 6-5-59

OW ☒ WW ☐ TA ☐

GW ☐ OS ☐ PA ☐

Location Inspected

Bond released

State of Fee Land

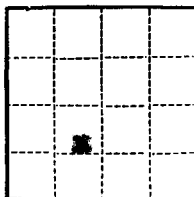
LOGS FILED

Driller's Log 1

Electric Logs (No. ) 3

E ☐ I ☐ E-I ☒ GR ☐ GR-N ☐ Micro ☒

Lat ☐ Mi-L ☐ Sonic ☒ Others ☐



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-02143

Unit Ref Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Verona, Utah March 23, 1959  
Well No. 23-18C is located 1956 ft. from S line and 1699 ft. from W line of sec. 18  
NW 1/4 SW 1/4 18 75 24E 12N  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Ref Wash Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly, Utah above sea level is 5676 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a test well for oil or gas to be completed in the lower Green River formation.

10 3/4" casing to be cemented approximately 225'.

7" casing to be cemented below lowest producing interval with sufficient cement to reach 4000'.

Top Green River	2818'
"H" Point	2800'
"K" Point	5235'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Verona, Utah

By C. V. Chatterton 3/23/59

Title District Superintendent

USGS-3, OASCS-1, Gals-1, Calkins-1,  
CWS-1, File-1

COMPLETION REPORT - NEW WELL  
STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 18C

WELL NO. 23-18C (#97)

Sec 18 T. 7S R. 24E SL B. & M.

LOCATION: 1956' N & 1699' E from SW corner Section 18.

LAND OFFICE: Salt Lake City  
LEASE NO: U-02148

ELEVATION: 5676' K.B.

K.B. is 12' above ground.

DATE: August 12, 1959

By C. J. Robertson  
Sup't. Producing Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: April 2, 1959

DATE COMPLETED DRILLING: April 21, 1959

DATE OF INITIAL PRODUCTION: June 5, 1959

PRODUCTION:	Daily average, 1st	30	days	Gravity	27.3	° API	Pumping	X
	Oil	240	Bbls.	T. P.	320	PSI	Flowing	
	Water	0	Bbls.	C. P.	430	PSI	Gas Lift	
	Gas	1,008	Mcf.	Seam		/64"		

SUMMARY

T.D.: 5640'

EFFECTIVE DEPTH: 5598'

CASING: 16" set @ 21'  
10 3/4" CMTD 226'  
7" cmtd 5640'

PERFORATIONS: 5448-5462', 5478-5492',  
5498-5522', 5562-5568' and  
5548-52

LOGS RUN:

Schlumberger Induction-ES 5634-225'  
Microlog 5639-2000'  
Sonic Log 5636-225'

MARKERS:

Top Green River 2813'  
"G" Point 4450'  
"H" Point 4664'  
"I" Point 4840'  
"J" Point 5097'  
"K" Point 5220'  
"K<sub>B</sub>" Point 5298'  
"L" Point 5440'

DST's

#1 - 5410-5430'  
#2 - 4601-4626'  
#3 - 4674-5019'

WELL NO: 23-18C (#97)

PROPERTY: Section 18C

RED WASH FIELD

Cemented 16" conductor at 21' with 20 sax cement.

Kerr McGee Oil Industries, Inc. moved in and rigged up.

Well spudded 7:00 p.m. April 2, 1959.

0' - 235' - 235' Drld

April 3, 1959

Cemented 10 3/4" casing at 226' with 175 sax common cement. 10 min mixing and 10 min displacing. Cement averaged 15.5-16#/gal slurry. Had good circ and good cement returns to surface.

## Casing detail:

All 5 jts.	213'	10 3/4", 40.5#, J-55, Grd, ST&C, New, Smls, CP&I
Landing jt.	19'	Includes Baker guide shoe
	<u>232'</u>	
	6'	Above K.B.
	<u>226'</u>	Depth of shoe

-----  
 235' - 5640' - 5405' Drld 9" hole

April 18, 1959

Ran Schlumberger Induction-Es, Microlog, and Sonic log; recorded 5634-225', 5639-2000', and 5636-225', respectively.

TGR- 2813', "G" - 4450', "H" - 4664', "I" - 4845', "J" - 5097', "K" - 5220',  
 KB" - 5298', "L" - 5440'.  
 -----

April 19, 1959

DST #1 - Interval 5410 - 5435' to verify that Kp-L sand is gassy. Ran Howco tester. Sidewall anchor tool. Set packers 5404, 5410 and 5430'. Took 30 min ICIP. Opened valve 3 min; strong blow gas to surface 1/2 min, rate not measured - est. 3500 MCF. Pulled packer loose. Pulled up and straddled interval 4601-4626' for DST #2. Pressures: Top - IH-2660, ICIP - 1940, IF-410, FF-410; Bottom - IH-2670, ICIP-1980, IF-480, FF-480.

DST #2 - Set above Howco tools and made 1 1/2 hr DST interval 4601-4626'. Med strong blow during test, took 30 min final CIP. Rec 1180' water testing 0.95 ohm meters at 65°F. Pressures: Top - IF-68, FF-538, FCIP-1510, FH-2204; Bottom - IF-90, FF-590, FCIP-1570, FH-2260.

~~Attempted~~ DST #3 - Interval 4674-5019'. Ran Howco tools as above. Took 30 min SI with packers set 4669, 4674, and 5019'. Strong blow when valve opened. Gas to surface 9 min, mud in 10 min. Volume of mud indicated lower packer failure. Pulled loose. Opened circulating parts. Pulled out. Circ'd 18 stds off bottom to remove gas from mud. PRD below packer verified lower pkr failed. Pressures: Top - IH-2430, ISIP-1900, IF-430, FF-1342, FH-2390; Bottom - IH-2483, ISIP-1962, IF-523, FF-1322, FH-2422.  
 -----

WELL NO: 23-18C (#97)

PROPERTY: Section 18C

RED WASH FIELD

April 20, 1959

Cemented 7" casing at 5640' (5642' by csg meas) with 350 sax const. cement. 22 min mixing cem 15-16#/gal slurry and 23 min displacing with rig pumps. Used one top rubber plug. Hole stood full but had very little circulation during job. Reciprocated over 12' interval while displacing cement.

Casing detail:

Bottom 9 jts.	374'*	7", 23#, N-80, 8rd, LT&C, New, Nat. Smls, Rge 3
Next 95 jts.	2589'.	7", 23#, N-80, 8rd, LT&C, S.H.
Top 65 jts.	2684'	7", 23#, J-55, 8rd, LT&C, New, Mixed, Smls
Total 169 jts.	5647'	*Includes Baker guide shoe on bottom & Flexiflo collar
Landed above K.B.	5'	at top of first jt.
	5642'	Depth of shoe

Baker centralizers: one 5" above shoe & at collars of jts. 2, 3, 4, 5, 6, 7, 8, 13, 22, 24, 42, and 44. Baker scratchers on 6' centers between non weld stoppings: one at top jt 3, entire length jt 4, 5 at top jt 5, entire length jt 6, 4 at top of 7, 2 at top of 8, 3 at bot of 9, two on jt 14.

-----  
April 21, 1959

Cleaned out to 5598'. Changed hole fluid to Rangely crude. McCullough ran Gamma Ray Correlation log. Recorded 5598-4500'. Measurements checked 2' shallower than Schl.

Perf'd four 1/2" bullet holes/ft: 5448-5462', 5478-5492', 5498-5522', 5548-5552', 5562-5568'.

Kerr-McGee crew released April 21, 1959.  
-----

April 26, 1959

With Halliburton equipment pumped 420 gal (10 bbl) of Halliburton penetrating non emulsifying inhibited acid down tubing, displaced acid with 45 bbl burner fuel (displaced acid to top of perforated interval), displaced at an ave of 2 BPM, broke down formation at 1700 psi, pressure decreased to 1200 psi when acid hit perfs and decreased to 600 psi at finish.

-----  
April 27, 1959

R&amp;R Well Service moved in and rigged up.

Sand oil squeezed well down tubing-casing annulus using 3 Halliburton T-10 pumps. Used a total of 12,500 gal burner fuel mixed with 30,000# 20-40 Ottawa sand and 650# Adomite (.05#/gal). Used a total of 90 ball sealers in 3 batches. Broke formation down at 27 BPM at 2000 psi. Pressure rose gradually throughout job to a maximum of 2400 psi. Pumped following number of gallons at sand conc shown: 2500 gal @ 2#/gal, 500 gal @ 3#/gal, 500 gal @ 3 1/2#/gal, (A), 30 ball sealers, 500 gal no sand, 500 gal @ 1 1/2#/gal, 1000 gal @ 2#/gal, 500 gal @ 2 1/2#/gal, 500 gal @ 3#/gal, 500 gal @ 3 1/2#/gal. (Starting at step (A) repeated a total of 3 times). Displaced with 170 bbls burner fuel. Average rate for entire job 27 BPM.

WELL NO: 23-18C (#97)

PROPERTY: Section 18C

RED WASH FIELD

April 28, 1959

R&amp;R ran tubing and rods.

Tubing detail:

Top	171	jts.	5424.88	EUE, J-55
Next	1	jt.	1.10	PSN
Next	1		10.20	Pup
Next	1		<u>2707</u>	Gas anchor
			5463.25'	
K.B. to Tbg head			<u>14.</u>	
			5477.25'	

R&amp;R released April 29, 1959.

T. R. HULL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructio  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash Unit

8. FARM OR LEASE NAME

9. WELL NO.

#97 (23-18C)

10. FIELD AND POOL, OR WILDCAT

Red Wash - Green River

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 18, T-7-S,

R-24-E, SLBM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injector

AUG 29 1972

2. NAME OF OPERATOR

Chevron Oil Company - Western Division

U. S. GEOLOGICAL SURVEY

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

SALT LAKE CITY, UTAH

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

1956' N of S &amp; 1699' E of W (NW-1/4 SW-1/4)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 5676'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Converted to Water Injection

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

(See attached)

18. I hereby certify that the foregoing is true and correct

SIGNED

Original Signed by

R. B. WACKER

TITLE

R. B. Wacker

Division Engineer

DATE 8/28/72

(This space for Federal or State office use)

ACCEPTED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DISTRICT ENGINEER

DATE

SEP 15 1972

1. POOH w/tbg.
2. Ran CBL-PDC logs.
3. Set Model K cement retainer @ 5539'.
4. Ran Welex GR-CCL & CBL w/microseismogram.
5. Perforated 5416-28, 5396-5401, 5390-94, 5379-86, 5365-71, 5356-61 & 5347-54 w/2 Omega jets/ft.
6. Perforated 5526-30 w/2 jets/ft.
7. Drld. on retainer @ 5539 & pushed to bottom.
8. Selectively straddled & pumped into zones as follows:

5562-68	4 BPM	1500 psi
5548-52	4 BPM	800-100 psi
5416-28	5 BPM	1300 psi
5379-5401	4 BPM	1500 psi
5347-71	4 BPM	1600 psi

Blanks held ok.
9. Pressure tested csg to 3000 psi w/pkr @ 5340'.
10. Run 2-7/8" tbg string landing @ 5589' w/pkrs as follows:

Tandem tension pkr	@ 5409.81'
Tandem tension pkr	@ 5441.32'
Lok-Set pkr	@ 5472.55'

Present status: Ready for injection.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-02148	
2. NAME OF OPERATOR Chevron Oil Company - Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Red Wash	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1956' N of S & 1699' E of W (NW-1/4 SW-1/4)		8. FARM OR LEASE NAME Red Wash Unit	
14. PERMIT NO.		9. WELL NO. 97 (23-18C)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5676' KB		10. FIELD AND POOL, OR WILDCAT Red Wash - Green River	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T7S, R24E, SLBM	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Converted to Water Injection</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above well started injection on 10-1-72 at the rate of 1500 BWPD with a tubing pressure of 50.

18. I hereby certify that this is a true and correct  
SIGNED J. W. Greer TITLE Drilling Superintendent DATE 1/10/73

(This space for Federal or State office use)

ACCEPTED

APPROVED BY [Signature]  
CONDITIONS OF APPROVAL, IF ANY:TITLE DISTRICT ENGINEERDATE JAN 9 1973

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

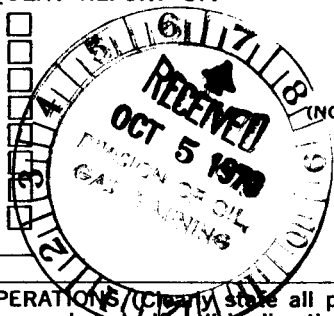
1. oil ☐ gas ☐ other ☒ Water Injection  
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.  
3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, Colorado 80201  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1956' FSL & 1699' FWL (NW SW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☒  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to clean out well, cement squeeze, perforate, and acidize well as follows: (Tubing will be pulled and be replaced with plastic coated dual strings).

1. MIR & RU. ND tree, NU BOPE. Circ w/injection wtr. POOH w/tbg and packer.
2. RIH w/bit, casing scraper & workstring, clean out to 5594. Circ hole. POOH.
3. RIH w/RBP, packer, workstring, straddle interval 5347-5428 and cement squeeze w/100 sxs. POOH w/RBP and workstring. RIH and clean out well. Test squeeze.
4. Perforate. See attached.
5. Acidize. See attached.
6. RIH w/dual tbg strings and place well in injection service.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

Subsurface Safety Valve: Manu. and Type

DATE: Oct. 9, 1979

18. I hereby certify that the foregoing is true and correct.

SIGNED

*J. J. Lunn*

BY:

*Frank M. Anderson*

TITLE

Engineering Ass't. DATE: October 2, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

- 3 - USGS 1 - Sec. 723
- 2 - State 1 - File
- 1 - JCB

No additional surface disturbances required for this activity.

WELL NAME: RWI 97 (23-18C)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended:
2. Results anticipated: Increase injection profile.
3. Conditions of well which warrant such work: Injected water is filling a gas cap.
4. To be ripped or shot: Shot.
5. Depth, number and size of shots (or depth of rips): 4 shots/ft.  
5347-61  
5365-71

6. Date last Log of well filed:
7. Anticipated additional surface disturbances:
8. Estimated work date: October 21, 1979
9. Present production and status: Injecting

Date

BOPD

MCFD

BWPD

9/79

917 down tubing  
769 down annulus

WELL NAME: RWU 97 (23-18C)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Improve injection profile.
2. Size and type of treatment:

5548-68	750 gal	15% HCL
5478-5530	3000 gal	15% HCL
5448-62	1000 gal	15% HCL
5347-71	1000 gal	15% HCL
3. Intervals to be treated:
4. Treatment down casing or tubing: Tubing
5. Method of localizing its effects: RBP, packer and benzoic acid flakes to be used as diverting agents.
6. Disposal of treating fluid: Spent acid will be swabbed back to flat tank.
7. Name of company to do work: Dowell, Halliburton or Western
8. Anticipated additional surface disturbances: None.
9. Estimated work date: October 22, 1979
10. Present status, current production and producing interval: Injecting.

Date

BOPD

MCFD

BWPD

9/79

917 down tubing  
769 down annulus

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other ☐ Water Injection
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1956' FSL & 1699' FWL (NWSW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

- ☐  
☐  
☒  
☐  
☐  
☐  
☐  
☐  
☐

5. LEASE  
U-02148
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME  
Red Wash
8. FARM OR LEASE NAME
9. WELL NO.  
97 (23-18c)
10. FIELD OR WILDCAT NAME  
Red Wash - Green River
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 18, T7S, R24E, SLBM
12. COUNTY OR PARISH  
Uintah
13. STATE  
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5676

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was cleaned out, cement squeezed, perforated, and acidized as follows:  
(Tubing will be pulled and be replaced with plastic coated dual strings.)

1. MIR & RU. ND tree, NU BOPE. Circd w/injection wtr. POOH w/tbg and packer.
2. RIH w/bit, casing scraper & workstring, cleaned out to 5594. Circ hole. POOH.
3. RIH w/RBP, packer, workstring, straddle interval 5347-5428 and cmt squeezed w/100 sxs. POOH w/RBP and workstring. RIH and cleaned out well. Tested squeeze.
4. Perforated. See attached.
5. Acidized. See attached.
6. RIH w/dual thg strings and placed well in injection service.

3-USGS

1-JCB

1-File

2-State

1-Sec. 723

3-Partners

No additional surface  
disturbances required  
for this activity.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Wanda J. Thomas*

TITLE

Engineering Asst.

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FEB 15 1980

DIVISION OF  
OIL, GAS & MINING

WELL NAME: RWU 97 (23-18c)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 4 shots/ft

5347-61

5365-71

2. Company doing work: Oil Well Perforators

3. Date of work: 11/29/79

4. Additional surface disturbances:

5. Production after work:

Date

BOPD

MCFD

BWPD

12/79

481 - tbg

602 - annulus

WELL NAME RWU 97 (23-18c)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

- |                                |           |          |         |
|--------------------------------|-----------|----------|---------|
|                                | 5548-68   | 750 gal  | 15% HCL |
| 1. Size and type of treatment: | 5478-5530 | 3000 gal | 15% HCL |
|                                | 5448-62   | 1000 gal | 15% HCL |
|                                | 5347-71   | 1000 gal | 15% HCL |
2. Intervals treated:  
See above.
3. Treatment down casing or tubing: Tubing
4. Methods used to localize effects: RBP, packer and benzoic acid flakes to be used as diverting agents.
5. Disposal of treating fluid: Spent acid will be swabbed back to flat tank.
6. Depth to which well was cleaned out: 5594'
7. Date of work: 11/13 - 12/4/79
8. Company who performed work: Dowell
9. Production interval: 5347 - 5568
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
9/79			917 down tubing 769 down annulus.

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
12/79			481 down tubing 602 annulus

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF

Chevron U.S.A. Inc.

CAUSE NO. \_\_\_\_\_

ADDRESS P. O. Box 599

Denver, CO ZIP 80201

INDIVIDUAL ☐ PARTNERSHIP ☐ CORPORATION ☒

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE ...RWU..No....97..... WELL

SEC. 18 TWP. 7S RANGE 24E

Uintah COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒  
DISPOSAL WELL ☐

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>U-02148</u>	Well No. <u>97 (23-18C)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4</u> <u>SW 1/4</u> Sec. <u>18</u> Twp. <u>7S</u> Rge. <u>24E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>4/20/59</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>oil &amp; gas</u>
Location of Injection Source(s) <u>Fresh water from Green River</u>	Geologic Name(s) and Depth of Source(s) <u>Not Applicable</u>		
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>5347</u> to <u>5568</u>	
a. Top of the Perforated Interval: <u>5347</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2647</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>(YES)</u> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

State of Colorado )

County of Denver )

Before me, the undersigned authority, on this day personally appeared R. H. ELLIOTT  
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly  
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 19 day of July, 19 83

SEAL

My commission expires July 5, 1987  
Colorado Blvd.

Notary Public in and for Colorado

(OVER)

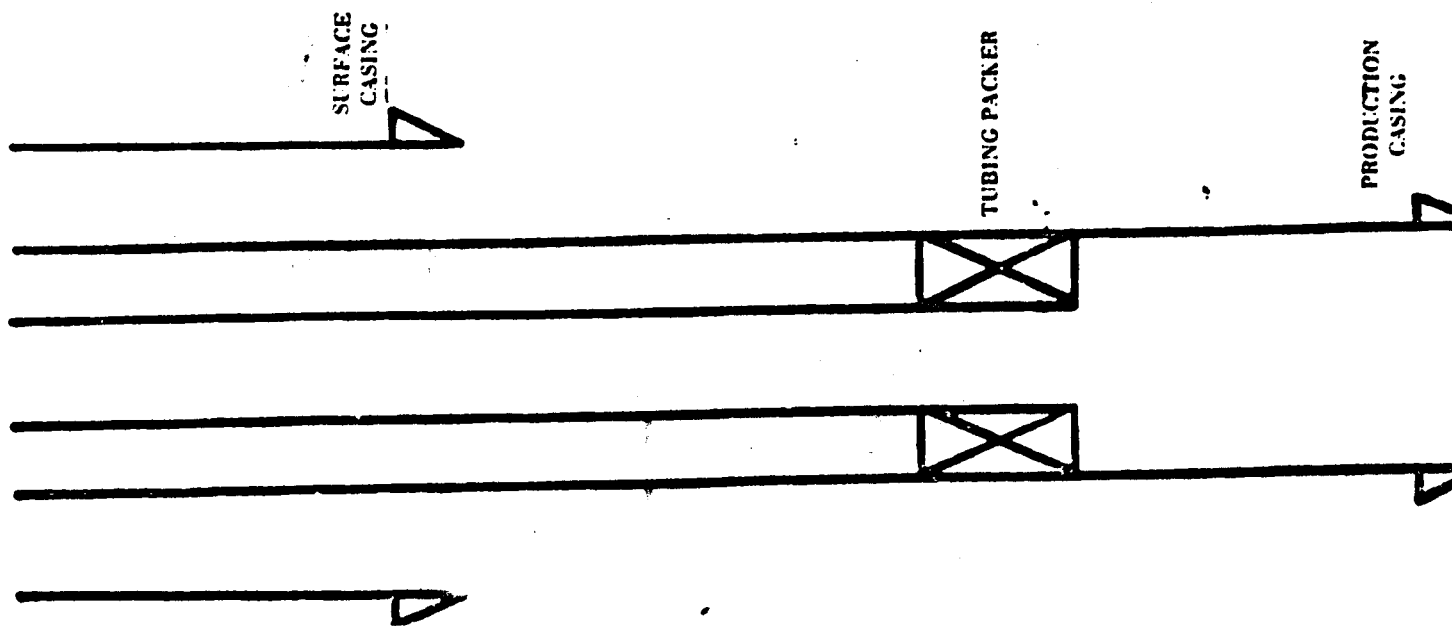


1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including: Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4"	226	175	surface	returns
Intermediate					
Production	7"	5640	350	3910	CBL
Tubing	2-3/8"	5301, 5485	Name - Type - Depth of Tubing Packer Baker A-5 dual packer @ 5277, Baker FH packer		
Total Depth 5640	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 5347	Depth - Base of Inj. Interval 5568	@5470	

SKETCH - SUBSURFACE FACILITY



(To be filed within 30 days after drilling is completed)

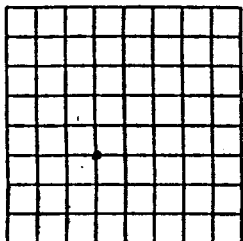
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

COUNTY  
LEASE NO.

API NO 43-047-05509

640 Acres  
M



Locate Well Correctly  
and Outline Lease

COUNTY Uintah SEC. 18 TWP. 7S RGE. 24E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE CO ZIP 80201

FARM NAME Red Wash WELL NO. 97

DRILLING STARTED 4/2 1959 DRILLING FINISHED 4/17 1959

DATE OF FIRST PRODUCTION 6/5/59 COMPLETED 4/29/59

WELL LOCATED NE  $\frac{1}{4}$  SW  $\frac{1}{4}$

1956 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 1699 FT. FROM WL OF  $\frac{1}{4}$  SEC.

ELEVATION DEBRICK FLOOR KB 5676 GROUND 5664

TYPE COMPLETION

Single Zone X Order No. \_\_\_\_\_

Multiple Zone \_\_\_\_\_ Order No. \_\_\_\_\_

Comingled \_\_\_\_\_ Order No. \_\_\_\_\_

LOCATION EXCEPTION \_\_\_\_\_ Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	226	1200	175	-	surface
7"	23#	N-80 J-55	5640	1400	350	-	3910

TOTAL DEPTH 5640

PACKERS SET  
DEPTH 5277, 5470

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5347-5361	5498-5522	
INTERVALS	5365-5371	5526-5530	
	5448-5462	5548-5552	
	5478-5492	5562-5568	
ACIDIZED?	All perforated intervals		
FRACTURE TREATED?	5448-5522	5548-5568	

INITIAL TEST DATA

Date	6-59		
Oil. bbl./day	192		
Oil Gravity	28		
Gas. Cu. Ft./day	1080 MCF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	5625		
Water-Bbl./day	0		
Pumping or Flowing	pumping		
CHOKE SIZE	-		
FLOW TUBING PRESSURE	-		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

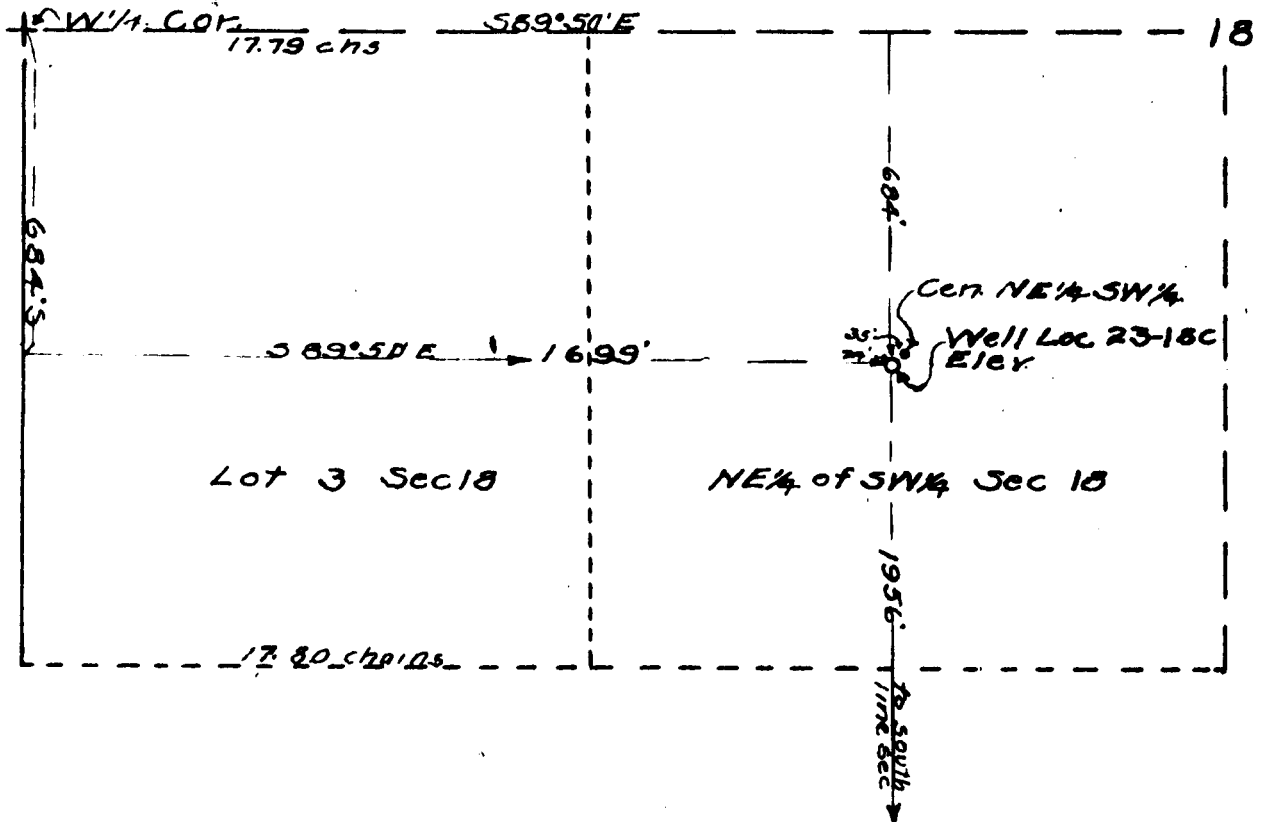
Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.  
My commission expires July 5, 1987 Name and title of representative of company

My business address is: 19 day of July, 19 83  
2500 Colorado Blvd.  
Denver, CO 80222

Lois J. Thompson

PLAT SHOWING  
LOCATION OF THE STANDARD OIL COMPANY OF CALIF-  
ORNIA WELL IN THE NE $\frac{1}{4}$  OF THE SW $\frac{1}{4}$  SECTION 18,  
TOWNSHIP 7 SOUTH, RANGE 24 EAST, SALT LAKE  
BASE AND MERIDIAN.

Scale of plat 1" = 400 feet.

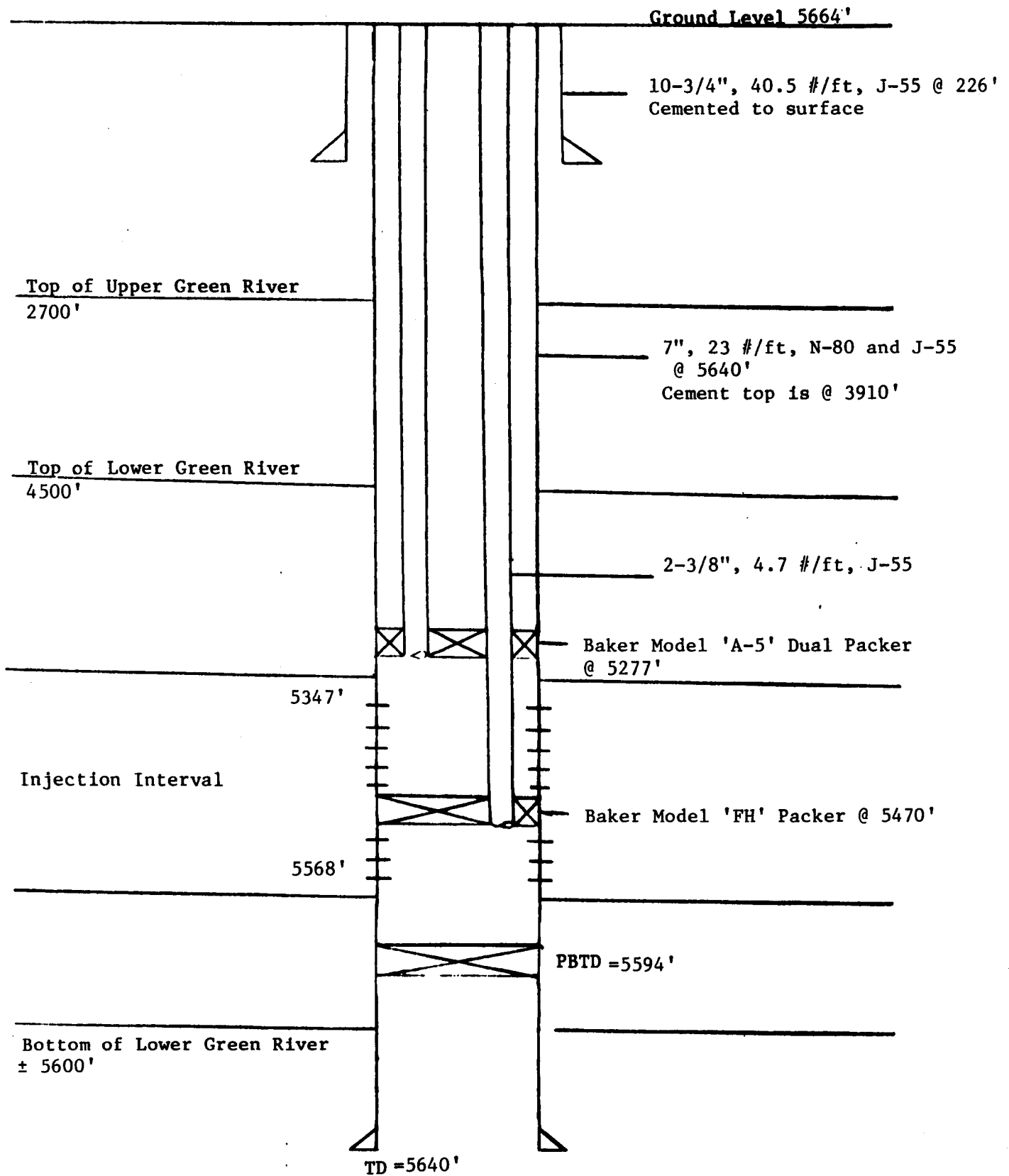


I, Leon P. Christensen of Vernal, Utah, do hereby certify that this plat correctly shows the location of the well shown hereon as surveyed by me on February 24, 1959, and levels were run on March 13, 1959; that well is located at a point 1699 feet East of the West line and 1956 feet North of the South line of Section 18, Township 7 South Range 24 East. Salt Lake Base and Meridian.

*Leon P. Christensen*  
Prof. Engr. and Land Surveyor



*✓ att*



Red Wash Unit 97 (23-18C)  
Wellbore Schematic



**Chevron U.S.A. , Inc.**  
**RED WASH**

43-047-15216

SURVEY DATA

TC

WELL NO.

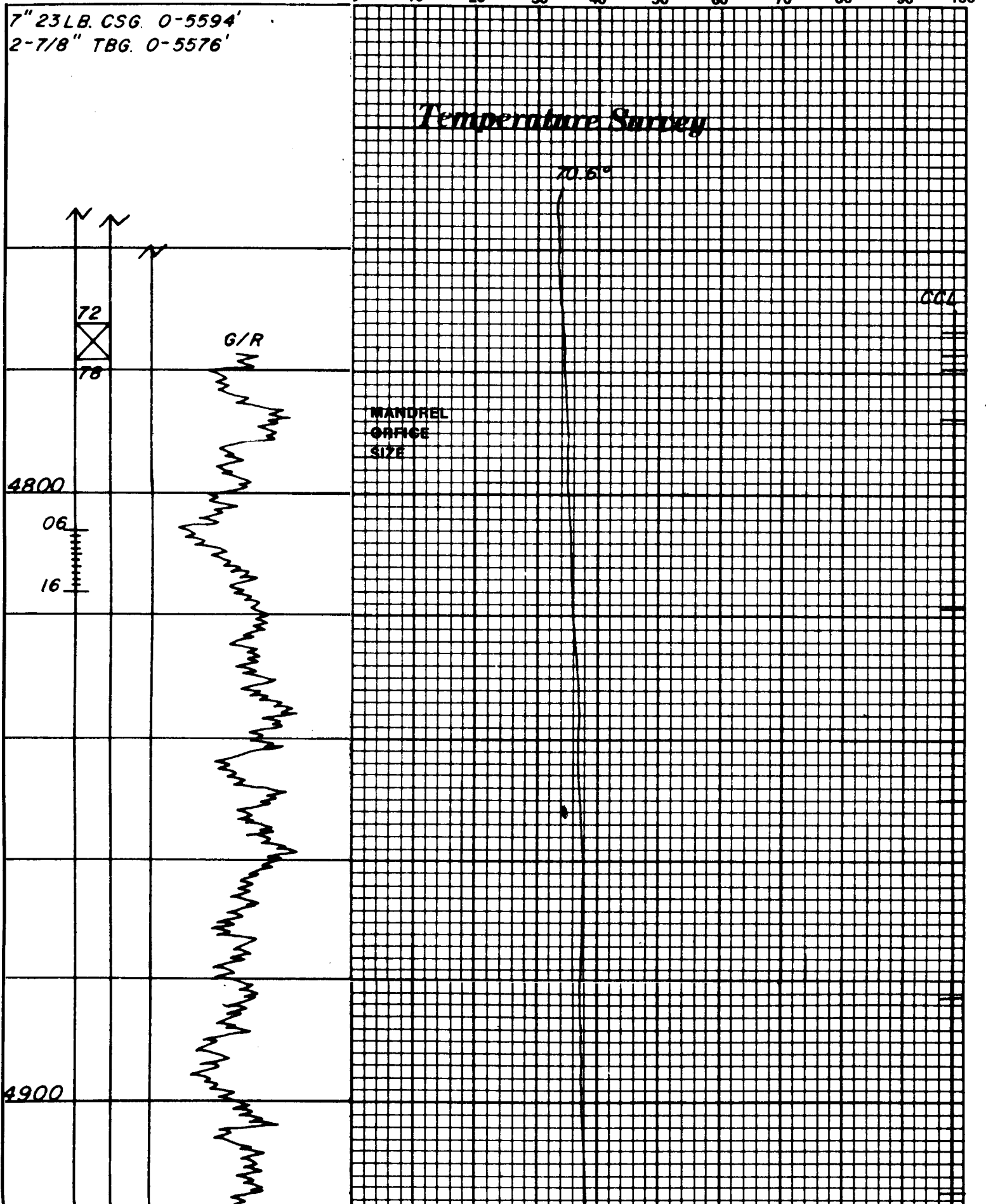
RWU 97(23-18C)

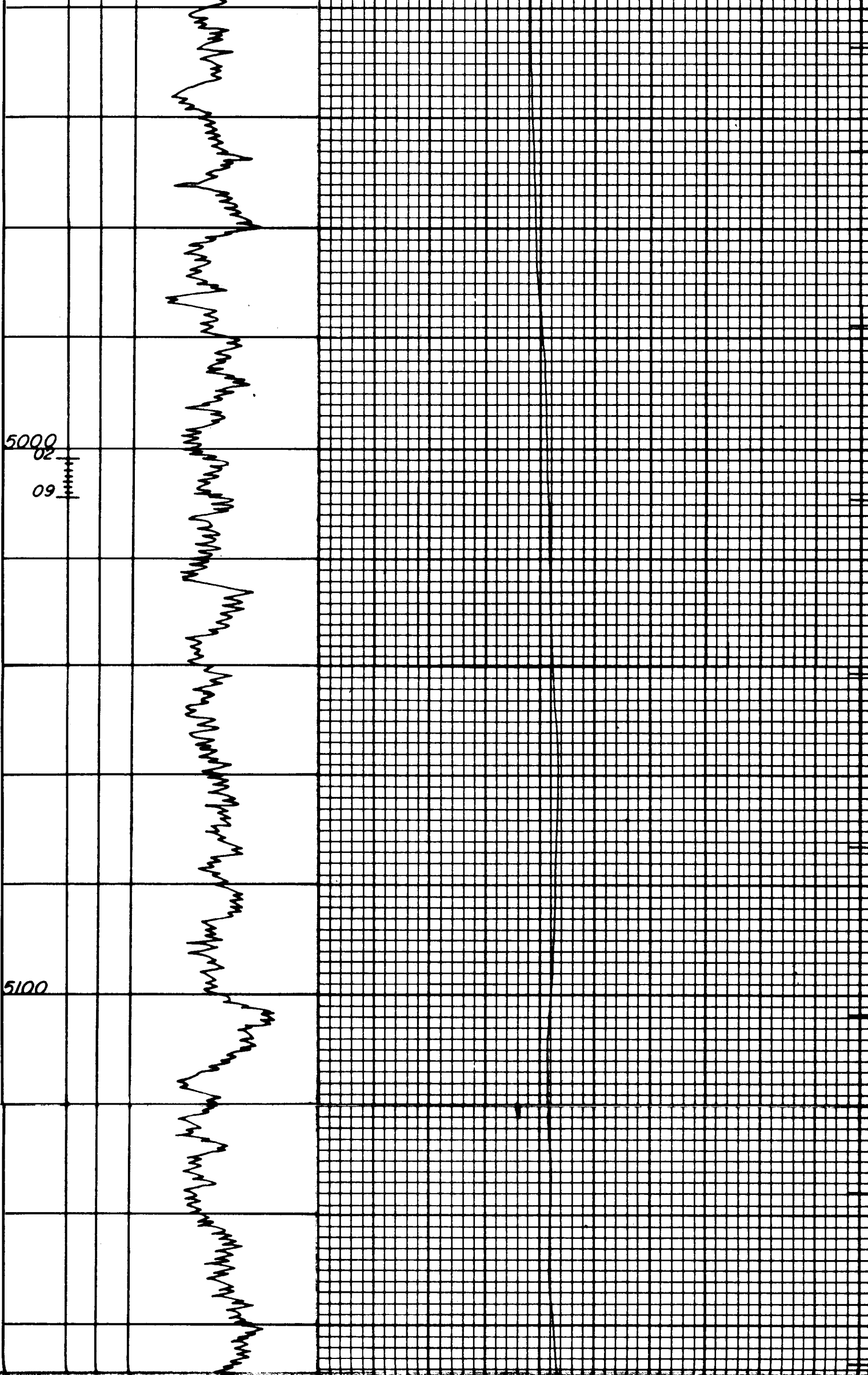
75-242-18

RUN NO.	ONE	
Type Survey	TST	B.H.T 72.9°
Date	8-18-87	Surface Temp.
Inj. Rate	1610 B/D	
Inj. Press.	1500 PSI	
Pick-up	5574	
Service Co.	PLS	

INJECTION - %

7" 23 LB. CSG. 0-5594'  
2-7/8" TBG. 0-5576'





5200

5300

47  
51  
55  
61  
65  
71  
79  
86  
90  
94  
96  
5400  
01

SAUERER

82  
90

16

NOTE 3% ASSUMED EXITING PERMS  
5002' - 0.9' 4806' - 16'

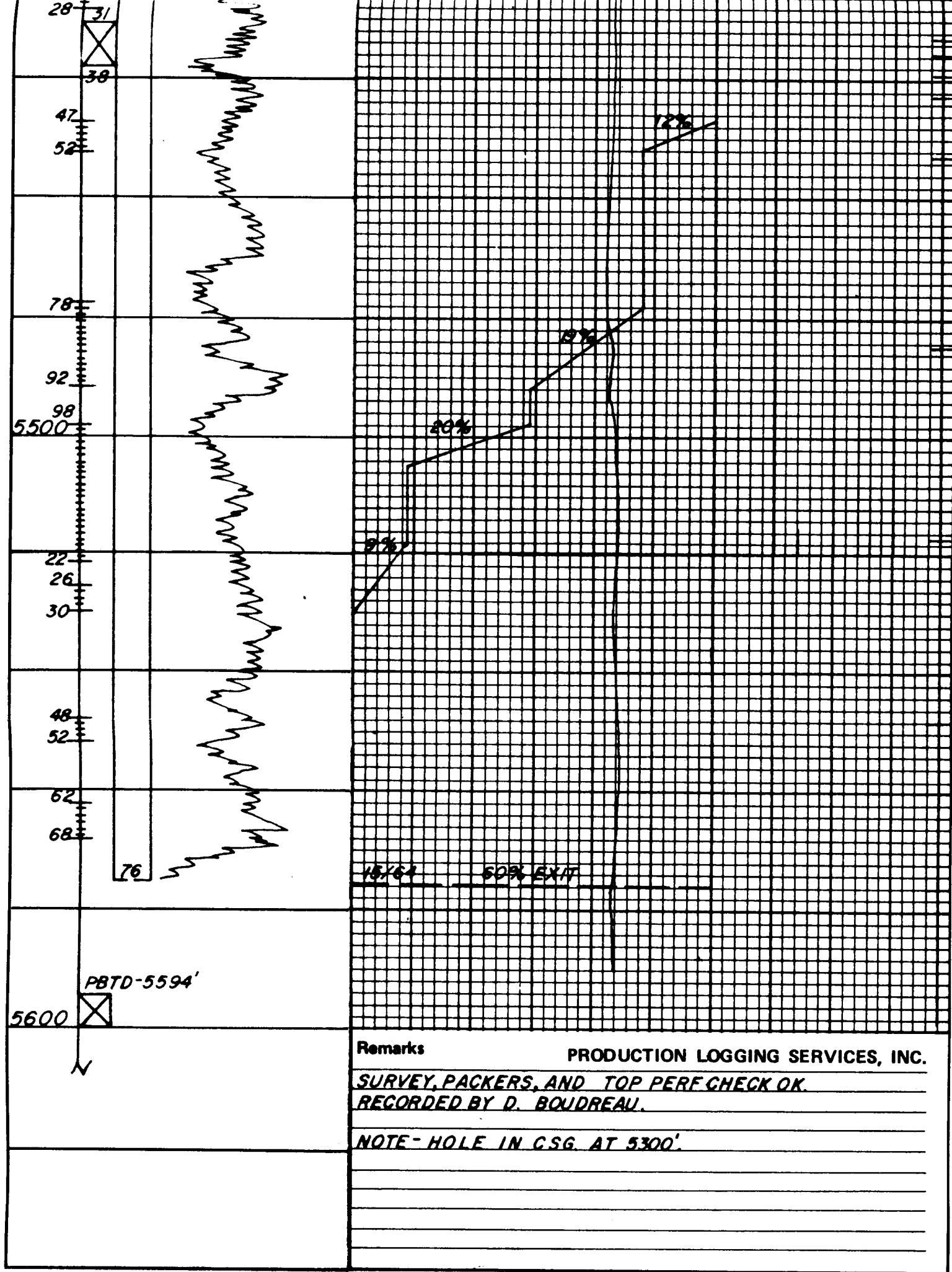
NOTE - HOLE IN CSG AT APPROX 5300'  
TAKING 27%

27%

10%

12/64

40% EXIT



# TRACER VELOCITY DATA

SHOT	DISTANCE	TRAVEL
------	----------	--------



# TRACER VELOCITY DATA

SHOT NO.	DEPTH	DISTANCE TRAVELED	TRAVEL TIME	RATE
1	5430'-5560'	130'	67.5 SEC.	963 B/D
2	5571'-5556'	15'	34 SEC.	1192 B/D
3	5556'-5544'	12'	30 SEC.	1081 B/D
4	5544'-5530'	14'	32 SEC.	1182 B/D
5	5530'-5518'	12'	34 SEC.	954 B/D
6	5518'-5505'	13'	37 SEC.	949 B/D
7	5505'-5497'	8'	37 SEC.	584 B/D
8	5497'-5489'	8'	45 SEC.	480 B/D
9	5489'-5482'	7'	48 SEC.	394 B/D
10	5482'-5475'	7'	54 SEC.	350 B/D
11	5475'-5470'	5'	69 SEC.	196 B/D
12	5470'-5463.5'	6.5'	80 SEC.	220 B/D
13	5463.5'-5455'	8.5'	99 SEC.	232 B/D
14	5455'-5447'	8'	99 SEC.	218 B/D
15	5447'			ZERO FLOW
16	5225'-5350'	125'	39 SEC.	1603 B/D
17	5379.5'-5374'	5.5'	19 SEC.	782 B/D
18	5374'-5365.5'	8.5'	30 SEC.	766 B/D
19	5365.5'-5356'	9.5'	39 SEC.	658 B/D
20	5356'-5345'	11'	41 SEC.	725 B/D
21	5345'-5334'	11'	50 SEC.	594 B/D
22	5334'-5312.5'	21.5'	98 SEC.	593 B/D
23	5312.5'-5297'	15.5'	171 SEC.	245 B/D
24	5297'-5295.5'	1.5'	52 SEC.	78 B/D
25	5295.5'-5293'	2.5'	63 SEC.	107 B/D
26	5293'-5289'	4'	160 SEC.	68 B/D
27	5289'-5285'	4'	155 SEC.	70 B/D
28	5285'-5278'	7'	238 SEC.	79 B/D
29	5278'-5271'	7'	358 SEC.	53 B/D
30	5271'-5260'	11'	530 SEC.	56 B/D

## CBL DESCRIPTIONS

### Injection Well

#### **RWU No. 97 (23-18C)**

The CBL indicates the cement top is at + 3910'. The bond from 3910' to 4000' is of poor quality. Good bonding is evident from 4000' to 5594'. The injection interval is from 5347' to 5568'.

### Offset Producers

#### **RWU No. 35 (43-13B)**

A cement bond log is not available for No. 35 (43-13B). The cement top is calculated to be at + 2525'. The production interval is 5158'-5734'.

#### **RWU No. 57 (12-18C)**

The cement top in No. 57 is at 4100'. The bond log indicates a fairly good bond overall. Between 4300' and 5500', several short sections of poor bonding exist. The gross perforated interval is 5547'-5700'.

#### **RWU No. 76 (32-18C)**

Bonding is good above 3590'. The cement bond log shows a fair bond from 3590' to 3650' and a poor bond from 3650' to 3820'. The bond is fair from 3820' to 4070', with short intervals of poor bonding. From 4070' to total depth the bond is of good overall quality, except for intervals of fair bond at 4110' to 4150', 4200' to 4240', 4295' to 4350', and intervals of poor bond at 4610' to 4620', 4660' to 4680', 4730'-4740', 4770' to 4780', 4800' to 4830', and 4860' to 4880'. Cement top is at + 3470'. The gross perforated interval is 4794' to 5582'.

#### **RWU No. 195 (43-18C)**

The subject well has a good cement bond from the cement top at 4900' to 5500' except for 10' of poor bonding at 5170'. The gross perforated interval is 4777'-5478'.

#### **RWU No. 230 (14-18C)**

No. 230 has a cement top at 3130' and perforations from 4809' to 5590'. The CBL indicates overall good bonding with only thin isolated intervals of poor bonding.

#### **RWU No. 235 (34-18C)**

Bonding in the subject well is poor from the top of the cement at 3100' to 4400'. Below 4400', the CBL indicates a generally good bond with thin poor sections. The gross perforated interval in No. 235 is 4701'-5449'.

**RWU No. 236 (21-19C)**

The CBL shows a good cement bond from TD (5684') to the cement top at 2970' with poor streaks from 3976'-4015' and 3650'-65'. The producing interval is from 5224' to 5263'.

**RWU No. 246 (22-18C)**

No. 246 has a cement top at 3130'. Generally good bonding is indicated by the CBL from the cement top to 5700'. The gross perforated interval is 5539'-5658'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☐ well other Water Injector
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO. 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1,956' FSL & 1,699' FWL NE $\frac{1}{4}$ SW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF REPORT, OR OTHER DATA

## REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☒  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) UIC Compliance

## SUBSEQUENT REPORT OF:

- ☐  
☐  
☐  
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☐  
☐  
☐  
☐  
☐  
☐

AUG 22 1983

DIVISION OF  
OIL GAS & MINING

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well will be worked on to bring it into compliance with UIC regulations. It is proposed to perforate the H<sub>F</sub> and I<sub>E</sub> Sands to better correlate injection with offset production. New Perfs will be broken down with 15% HCl and existing perforations with produced water.

Presently injects 511 BPD/935 psi down long string  
485 BPD/1040 psi down short string

No additional surface  
disturbances required  
for this activity.

3-BLM  
2-State  
3-Partners  
1-Sec. 723  
1-Fld Fore-  
man  
1-File

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Arlene F. Bush TITLE Engineering Asst. DATE August 18, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 8/29/83  
BY: [Signature]

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: Churton Well No. 23-18C(97)  
 County: Ventura T 9S R 24E Sec. 18 API# 43-047-15216  
 New Well ☐ Conversion ☒ Disposal Well ☐ Enhanced Recovery Well ☒

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<u>✓</u>	
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	
Schematic Diagram	<u>✓</u>	
Fracture Information	<u>✓</u>	
Pressure and Rate Control	<u>✓</u>	
Adequate Geologic Information	<u>✓</u>	
Fluid Source	<u>Gummer</u>	

Analysis of Injection Fluid	Yes <u>✓</u>	No <u>    </u>	TDS <u>5460</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u>	No <u>    </u>	TDS <u>21,667</u>

Known USDW in area Ventura Depth 2700  
 Number of wells in area of review 8 Prod. 8 P&A 0  
 Water 0 Inj. 0

Aquifer Exemption Yes ✓ NA     

Mechanical Integrity Test Yes ✓ No     

Date 10-27-83 Type Tracer

Comments: Top of Cement 3910 - Bottom 5640

Reviewed by: CH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Water Injector  
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.  
3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1956' FSL & 1,699' FWL NESW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) UIC Compliance

SUBSEQUENT REPORT OF:

☐  
☐  
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☐  
☐  
☐  
☐  
☐  
☒

5. LEASE

U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

97 (23-18C)

10. FIELD OR WILDCAT NAME

Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18, T7S, R24E SLBM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

KB 5676

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was cleaned out, perforated and acidized on October 10-17, 1983 as follows:

1. MIR & RU. ND tree. NU BOPE. POOH w/short & long strings.
2. RIH w/bit and casing scraper to 5590'.
3. RIH w/packer, set and tested casing at surface to 1000 psi, held okay.
4. Perforated intervals 4806-4816, 5002-5009 w/2 shots/ft.
5. Acidized well. See attachment.
6. RIH w/long string and Model D packer, landed tbg at 5442, packer set at 5435'. Tubing hydrotested to 5000 psi. 3-BLM
7. RIH w/short string and Model A-5 packer, tubing landed at 4783', packer set at 4769'. Tubing was hydrotested to 5000 psi. 2-State
8. ND BOPE. NU tree. Press tested tree to 3000 psi. Press tested annulus to 1000 psi for 15 minutes. Held okay. 3-Partne
9. Turned well over to injection 1-JAH

Subsurface Safety Valve: Manu. and Type

No additional surface disturbances required for this activity.

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE Engineering Ass't. DATE November 16, 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME RWU 97 (23-18C)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1000 gals 15% HCL
2. Intervals treated: 5002-5009  
4806-4816
3. Treatment down casing or tubing: tubing
4. Methods used to localize effects: Retrievable bridge plug and packer set to straddle interval treated.
5. Disposal of treating fluid: Over displaced acid into perforations.
6. Depth to which well was cleaned out: 5590'
7. Date of work: October 13, 1983
8. Company who performed work: Halliburton
9. Production interval:
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	INJECTING
9/83			825 786	Long-string @ 1150 psi Short-string @ 1350 psi
11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	INJECTING
10/27/83			574 757	Short-String @ 1150 psi Long-String @ 1150 psi

UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: Chevron U.S.A., Inc.

FIELD: Red Wash LEASE: U-02148

WELL # 23-18C (97) NESW SEC. 18 TOWNSHIP 7S RANGE 24E

STATE FED. FEE DEPTH 5640 TYPE WELL WI MAX. INJ. PRESS. 3500 PSI

TEST DATE 6-21-84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10 3/4"</u>	<u>226</u>	<u>175</u>	<u>900 PSI</u>		
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>7"</u>	<u>5640</u>	<u>350</u>			
<u>5 1/2" (SS)</u>	<u>2 3/8"</u>	<u>5301</u>	<u>P</u>	<u>Not injecting</u>		
<u>TUBING</u>	<u>(LS) 2 3/8"</u>	<u>5485</u>	<u>P</u>	<u>Not injecting</u>		

REMARKS:

~~The well had a break in the injection line to the long string tubing. An unknown amount of water had flowed from the well site into the drainage. Fortunately, fresh water not produced water was being injected into the <sup>Graham</sup> ~~Grammer~~ formation through this well.~~

~~The pressure in the casing annulus is probably from the formation and the result of a packer leak around the short string tubing.~~





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 27, 1984

Chevron U.S.A., Inc.  
P.O. Box 455  
Vernal, Utah 84078

Gentleman,

RE: Red Wash Well # 23-18C - NESW Sec. 18, T7S, R24E, SLBM, Uintah  
County

On June 21, 1984 while pressure testing wells in the Red Wash  
Field, the above mentioned well was found to have a casing annulus  
pressure of 900 PSI.

Would you please check this well for possible packer failure and  
advise.

Incidentally, water was not being injected into the well at the  
time the test was made because of a broken injection line.

Thank you,

*Cleon B. Feight*  
Cleon B. Feight  
UIC Manager

CBF/mfp  
012



**Chevron U.S.A. Inc.**  
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

**RECEIVED**

**AUG 8 1984**

**DIVISION OF OIL  
GAS & MINING**

**R. H. Elliott**  
Area Superintendent

August 6, 1984

Mr. Cleon B. Feight  
UIC Manager  
4241 State Office Building  
Salt Lake City, UT 84114

RE: Red Wash Well No. 97 (23-18C)  
NE, SW, Section 18, T7S, R24E  
Uintah County, Utah

Dear Mr. Feight:

This letter is in response to your June 27, 1984 letter regarding casing annulus pressure in the subject well. Initially, we attempted to bleed the pressure off No. 97, however, this was not successful. Therefore, we are planning to workover No. 97 in order to identify and repair the source of annulus pressure. A sundry notice will be sent to you for approval prior to doing the work. Also, the division will be notified when this work is to take place. If you require further information, please contact Tom Tirlia at (303) 691-7313.

Very truly yours,

*RH Elliott*  
1/2/84

TBT:dst

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~.)

1. oil ☐ gas ☐ other Water Injection

2. NAME OF OPERATOR  
CHEVRON U.S.A., INC.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1956' FSL & 1699' FWL NE $\frac{1}{4}$ SW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Eliminate Annulus Pressure

SUBSEQUENT REPORT OF:

**RECEIVED**

SEP 7 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

**DIVISION OF OIL  
GAS & MINING**

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to work on this well in order to comply with UIC regulations; an annulus pressure of 1200 psi exists.

Currently injects 757 BWP/950 psi and 550 BWP/1400 psi down the long and short string respectively.

3 - BLM  
2 - State  
3 - Partners  
1 - S.724C  
1 - Field  
1 - Foreman

**No additional surface  
disturbances required  
for this activity.**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Orlene Z. Bush TITLE Engineering Asst. DATE September 4, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**RWU #97 (23-18C)**

Current Zone of Completion

Open Perfs

4 shots/ft:	4806-16	H <sub>F</sub>
	5002-09	I <sub>E</sub>
	5,347-5,361	K <sub>D</sub>
	5,365-5,371	K <sub>D</sub>
4, 1/2" bullets/ft:	5,448-5,462	L <sub>A</sub>
	5,478-5,492	L <sub>B</sub>
	5,498-5,522	L <sub>C</sub>
2 Omega jets/ft:	5,526-5,530	L <sub>D</sub>
4, 1/2" bullets/ft:	5,548-5,552	L <sub>E</sub>
	5,562-5,568	L <sub>F</sub>

Excluded Perfs

Excluded by cement: 2 Omega jets/ft:	5,347-5,354	K <sub>D</sub>
	5,356-5,361	K <sub>D</sub>
	5,365-5,371	K <sub>D</sub>
	5,379-5,386	K <sub>E</sub>
	5,390-5,394	K <sub>E</sub>
	5,396-5,401	K <sub>E</sub>
	5,416-5,428	K <sub>F</sub>

Tubing Detail: 10/83

Long String

KBTH	11.07
Split Hanger	0.83
Compression	(0.70)
17 jts 2-3/8" P.L. Tbg.	520.46
BKR 'F' Nipple w/1.81 ID	0.93
138 jts, 2-3/8" P.L. Tbg.	4222.91
1 2-3/8" P.L. Tbg pup	10.01
BKR 'A-5' PKR (dual)	9.90
1 2-3/8" pup P.L. INT/EXT.	10.18
20 jts. 2-3/8" tbg P.L. INT/EXT	616.11
BKR-'R' Nipple w/1.76 NO-GO	0.77
1 jt 2-3/8" tbg P.L. INT/EXT	31.73
BKR locator Seal Assembly	0.80
Tbg. LANDED @	5435.00

Short String

KBTH	11.07
Split Hanger	0.83
Compression	(1.20)
1 jt 2-3/8" tbg P.L.	32.02
1 2-3/8" tbg pup P.L.	2.00
14 jts 2-3/8" tbg P.L.	451.62
BKR 'F' Nipple W/1.81 ID	.93
139 jts 2-3/8" tbg P.L.	4260.49
1 2-3/8" pup jt P.L.	4.18
BKR Seal Assembly LOC-SUB	1.17
LANDED @	4763.11
w/5000# compression	

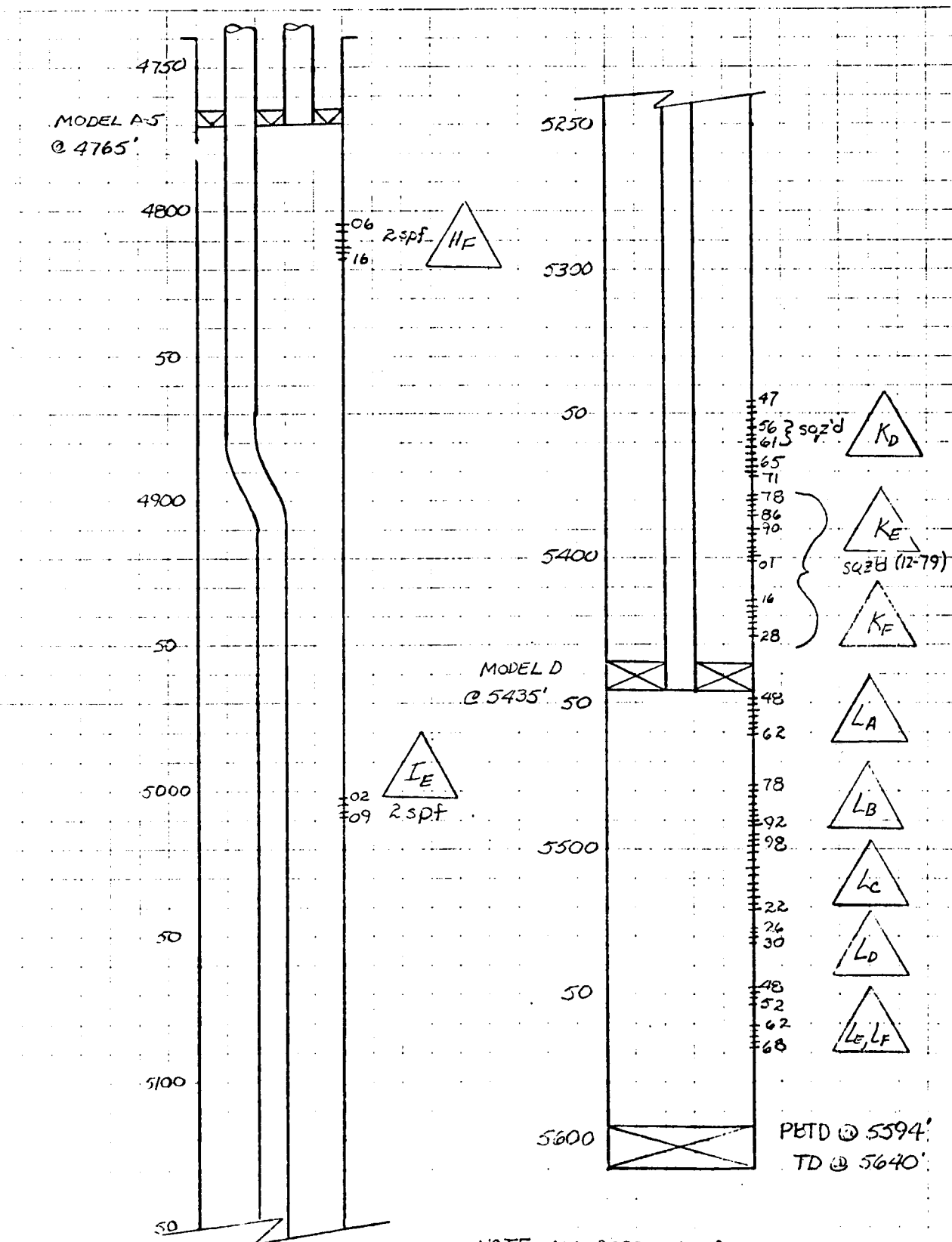


CALCULATION SHEET  
Chevron U.S.A. Inc.

Date 6 21 84

Prepared by WJM Page No 1 of 2

Well Schematic - RWU 97 (23-18C)



NOTE - ALL PERES 4.5pf, unless  
OTHERWISE NOTED

RWU NO. 97 (23-18C)  
RED WASH/EAST AREA

PROCEDURE:

1. Backflow well to clean up. Monitor tubing pressure to determine kill fluid weight if needed.
2. MIR and RU. Kill well if necessary.
3. ND tree. NU BOPE and test.
4. POOH with short string.
5. Release 'A-5' packer and POOH with long string.
6. RIH w/bit and clean out to Model 'D' packer @ 5435'.
7. Make bit and scraper run to Model 'D' packer.
8. RIH w/pkr to  $\pm 4790'$  and pressure test annulus to 1500 psi.
9. Identify and eliminate source of annulus pressure.
10. If hole in casing exists, cement squeeze.
11. Hydrotest in hole to 5000 psi w/long string and dual injection equipment same as pulled from well. Sting into Model 'D' pkr, space out LS and land same.
12. Hydrotest in hole to 5000 psi w/short string. Space out same. Drop ball down SS and pressure up to set 'A-5' packer @  $\pm 4765'$ .
13. Sting out of 'A-5' pkr with short string. Circulate freeze blanket and packer fluid. Re-sting short string into 'A-5' packer.
14. ND BOPE. NU tree and test. Pressure test annulus to 1000 psi. Notify UIC personnel 24 hrs prior pressure test.
15. Return well to injection.

*If casing leak exists - run csg. inspection log to determine extent of damage before start squeezing. JWH/est 8/28/84*

*Steve L. Ice for M.A. Haas.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-02148	
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1956' FSL & 1699' FWL, NESW		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. 97 (23-18C)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5676'		10. FIELD AND POOL, OR WILDCAT Red Wash	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T7S, R24E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> UIC Compliance	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Work was done on well as follows:

1. MIR & RU.
2. RIH w/ plug, set at 533' in long string, tested LS & F Nipple to 2500 psi, held ok for 30 min.
3. RIH w/ plug, set in R Nipple at 5402', tested long string to 2500 psi, held ok for 30 min.
4. RIH w/ bit and casing scraper. POOH. RIH w/ RTTS packer and set at 4790'.
5. Pressure test casing to 1500 psi. Held steady for one hour.
6. RIH w/ seal assembly and externally/internally plastic coated tubing, long string, hydrotested to 5000 psi.
7. RIH w/ short string, int/ext coated tubing, hydrotested to 5000 psi. Land short string at 4783'.
8. Long string landed at 5440' with RDH packer at 4771' and Model D packer at 5435'.
9. Circulated 130 bbls. Fm water w/ 55 gal. Nalco 1675 chemical for packer fluid and 10 bbls. Rangely crude for freeze blanket.
10. ND BOPE. NU wellhead.
11. Test void to 3000 psi and casing to 1000 psi. for 1/2 hour. Held ok.
12. Turned well over to injection.

Work done November 9, 1984 through November 17, 1984.

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Engineering Assistant

DATE Jan. 7, 1985

(This space for Federal or State office use)

APPROVED BY [Signature]

TITLE VIC Manager

DATE 1/23/85

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RWU 97 (23-18C)  
Continued

Status:

Date: December 31, 1984

Injecting: 3250 BWPD at 900 psi, long string  
2317 BWPD at 1400 psi, short string



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-02148	
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1956' FSL & 1699' FWL (NE, SW)		8. FARM OR LEASE NAME	
14. PERMIT NO. 43-047-15216		9. WELL NO. 97 (23-18C)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5676'		10. FIELD AND POOL, OR WILDCAT Red Wash	
		11. SEC., T., R., N., OR BLK. AND SUBST OR AREA Sec 18, T7S, R24E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other) Eliminate Annulus Pressure	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to work over this well in order to comply with UIC regulations; an annulus pressure of 1200 psi exists. Currently the long string injects 1467 BWPD @ 1460 psi and short string injects 1184 BWPD @ 1600 psi.

MIRU. Backflow well to reduce BHP. Test well head to 2100 psi. Pressure test LS & SS to 2500 psi using 'X' plug set in 'X' nipples @ 5402' and 4772' respectively. ND tree. NU BOP's and test. POH w/SS. POH w/LS. TIH w/bit & scraper to 5435' (top of Baker Mod 'D' packer). Circulate hole clean. POH. TIH w/RTTS tool. Test casing to 1500#. Isolate casing leaks and cement squeeze.

Clean out with bit. Retest. Rerun LS & SS w/dual packer @ ±4765'. ND BOP. NU tree. Test annulus to 1000#. Return well to injection.

RECEIVED

DEC 18 1985

DIVISION OF OIL  
GAS & MINING

3 - BLM  
2 - STATE  
1 - RWK  
3 - GHW  
1 - LLK

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Environmental Specialist

DATE December 16, 1985

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 12/24/85  
BY: [Signature]

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLY  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection	5. LEASE DESIGNATION AND SERIAL NO. U-02148
2. NAME OF OPERATOR Chevron U.S.A. Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201	7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1956' FSL 1699' FWL (NE SW)	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. 97 (23-18C)
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5676' KB	10. FIELD AND POOL, OR WILDCAT Red Wash
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T7S, R24E
	12. COUNTY OR PARISH Uintah
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

WATER SHUT-OFF ☐

REPAIRING WELL ☒

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON\* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) Eliminate annulus pressure ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

MIRU Gudac Well Servicing Unit on 4/15/86. Kill well. ND tree. NUBOP. POH w/dual injection strings. TIH w/bit to 5435'. POH. TIH to 4788' w/packer. Test casing to 1500 psi. Rerun dual injection equipment. Land tubing. NDBOP. NU tree. Test tree to 3000 psi and annulus to 1100 psi - OK. Rig down and move out on 4/23/86.

Turn over to production.

RECEIVED  
APR 30 1986

DIVISION OF  
OIL, GAS & MINING

3 - BLM  
3 - STATE  
1 - GDE  
3 - GHW  
1 - LLK  
1 - SEC 724-C  
1 - JSL  
1 - BTK

18. I hereby certify that the foregoing is true and correct

SIGNED

*L.L. Fitzpatrick*

TITLE Associate Environmental  
Specialist

DATE April 28, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions  
reverse side)

Form approved  
Budget Bureau No. 1004-  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER Water Injector  
2. NAME OF OPERATOR Chevron U.S.A. Inc.  
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
1956' FSL, 1699 FWL (NE-SW)

7. UNIT AGREEMENT NAME

Red Wash Unit

8. FARM OR LEASE NAME

9. WELL NO.

#97 (23-18C)

10. FIELD AND POOL OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 18 T7S, R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB-5676'

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) UIC Compliance

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
It is proposed to convert well from dual water injector to single selective water injector as follows:

1. MIR. - Nipple down dual injection tree. N/U BOPE - POOH and lay down dual 2 7/8" tubing and packer.
2. Millover and retrieve model 'D' packer at 5435'. Clean out to 5594' (PBDT).
3. Selectively acid perfs as follows:
  - A. 5526-30, (Lp) 5548-52 (Lf), 5562-68 (Lf) 1500 gal 15% HCL.
  - B. 5347-61 & 5365-71 (Kp) 1000gal 15% HCL.
  - C. 4806-16 (Kf) 1000gal 15% HCL.
4. Set F-1 packer at 5437'. Hydra-test in hole with selective equipment, FH packer and 2 7/8" IC tubing. Tag F-1 packer. Space out.
5. Displace annulus with corrosive-inhibited packer fluid.
6. Land tubing. Set FH packer at 4775'. N/D BOPE - N/U tree.
7. Test annulus to 1000 psi. Release rig - return to water injector.

3-BLM  
3-State  
2-Partners  
1-EEM  
3-Drig  
1-File

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 2/17/87  
BY: [Signature]

RECEIVED  
FEB 12 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

Office Assistant

SIGNED

TITLE Regulatory Affairs

DATE February 6, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector	5. LEASE DESIGNATION AND SERIAL NO U-02148
2. NAME OF OPERATOR Chevron U.S.A., Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201	7. UNIT AGREEMENT NAME Red Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1956' FSL, 1699' FWL (NE-SW)	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. #97 (23-18C)
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5676' KB	10. FIELD AND POOL, OR WILDCAT Red Wash
	11. T.C., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T7S, R24E
	12. COUNTY OR PARISH Intah
	13. STATE Utah

RECEIVED  
APR 06 1987

DIVISION OF  
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	XXXXXXXXX ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) UIC compliance <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

The well was acidized and converted from a dual water injector to a single selective water injector as follows:

- Moved in Western Oil Well Service on 3/18/87. Nippled down tree and nipped up BOPE.
- Pulled and layed down dual 2 3/8" tubing strings and dual packer.
- Milled over and retrieved Model 'D' packer @ 5435'. Cleaned out to PBTD @ 5594'.
- Changed out tubing head.
- Selectively acidized perfs as follows:  
A, 5548'-52' (L<sub>F</sub>) and 5562'-68' (L<sub>F</sub>) with 1500 gals 15% HCL.  
B, 5347'-61' (K<sub>D</sub>) and 5365'-71' (K<sub>D</sub>) with 1000 gals 15% HCL.  
C, 4806'-16' (K<sub>F</sub>) with 1000 gals 15% HCL.
- Wireline set 'F-1' packer @ 5435'. Hydro-tested in hole with selective equipment, 'FH' packer and 2 7/8" IC tubing. Spaced out.
- Displaced annulus with corrosion-inhibited packer fluids and landed tubing.
- Set 'FH' packer @ 4784'. Nippled down BOPE and nipped up tree. Pressure tested annulus to 1000 psi for 30 minutes. (Test was witnessed by Jamie Sparger of BLM).
- Released rig and returned well to water injection on 3/28/87.

3-BLM	1-EEM	1-JSL
3-State	3-Drlg	1-File
2-Partners	1-Sec. 724-C	

18. I hereby certify that the foregoing is true and correct

SIGNED J. L. Watson

TITLE Office Assistant

DATE April 2, 1987

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-1135  
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

OCT 01 1990

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other "H" Station

2. Name of Operator  
Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.  
P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NE $\frac{1}{4}$  SE $\frac{1}{4}$   
Sec. 13, T7S, R23E T7S R24E S18

5. Lease Designation and Serial No.

U-081

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

Red Wash

8. Well Name and No.

"H" Station

9. API Well No. (97)

4304715216 W1W

10. Field and Pool, or Exploratory Area

Red Wash

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Venting

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It may be necessary to vent all produced gas at "H" Station due to CO<sub>2</sub> breakthrough at the following locations: 32-13B, 42-13B, 12-18C, 22-18C, 23-18C, 34-18C, 24-18C, 14-18C, 44-13B, 34-13B, 21-24B, 24-13B, 23-13B, 33-13B. This is needed to prevent loss of gas sales due to an off-spec. situation. The gas would need to be vented until the CO<sub>2</sub> levels subside enough to allow the gas to be returned to the system.

A subsequent report of total volumes will follow.

3-BLM  
3-State  
1-JRB  
1-GAP  
1-Cent. File  
1-JLW

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 10/15/90  
BY: [Signature]

Federal approval of this action is required before commencing operations.

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Technical Assistant

Date 9/21/90

(This space for Federal or State office use)

Date

Approved by

Conditions of approval, if any:

Title

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil ☐ Gas ☐  
☐ Well ☐ Well ☒ Other W I W
2. Name of Operator  
CHEVRON U.S.A. PRODUCTION CO.
3. Address and Telephone No.  
P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1956 FSL, 1699 FWL, SEC. 18, T7S, R24E

5. Lease Designation and Serial No.  
U - 0116
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation  
RED WASH
8. Well Name and No.  
97 (23-18C)
9. API Well No.  
43-047-15216
10. Field and Pool, or Exploratory Area  
RED WASH - GRN. RIVER
11. County or Parish, State  
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other STATUS	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

3 - BLM  
3 - STATE  
1 - JTC  
1 - WELL FILE  
1 - JLW

RECEIVED

APR 15 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed J. R. Watson Title PERMIT SPECIALIST Date 4/8/92

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil ☐ Gas  
☐ Well ☐ Well ☒ Other

W1W

2. Name of Operator  
Chevron U.S.A. Inc.

3. Address and Telephone No.  
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1956 FSL, 1699 FWL, SEC. 18, T7S, R24E

5. Lease Designation and Serial No.  
U-0116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
Red Wash Unit

8. Well Name and No.  
RWU #97 (23-18C)

9. API Well No.  
43-047-15216

10. Field and Pool, or Exploratory Area  
Red Wash-Grn. River

11. County or Parish, State  
Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in injection well during 1993.

RECEIVED

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

Date

02/09/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Gas  
☐ Well ☐ Well ☒ Other INJECTOR

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1956' FSL & 1699' FWL (NE SW) SECTION 18, T7S, R24E, SLBM

5. Lease Designation and Serial No.

U-02148

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RED WASH UNIT 97 (23-18C)

9. API Well No.

43-047-15216

10. Field and Pool, or Exploratory Area

RED WASH - GREEN RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
  
☐ Subsequent Report  
  
☐ Final Abandonment Notice

TYPE OF ACTION

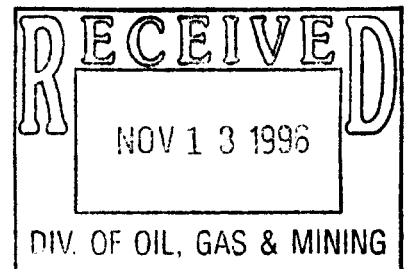
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other TA STATUS OF WELL  
  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

CHEVRON IS REQUESTING AN EXTENSION OF THE TEMPORARILY ABANDONED STATUS OF THIS WELL FOR A POSSIBLE WATERFLOOD REALIGNMENT. THIS WELL MEETS EPA STANDARDS FOR TA'd INJECTION WELLS.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct.

Signed G.D. SCOTT

*G.D. Scott*

Title DRILLING TECHNICIAN

Date November 4, 1996

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: Mike Johnson Date 3/19/ Time 10:00 am/pm

Test conducted by: Mike Johnson

Others present: Ron Horrocks / Chevron

EPA ID # UT02405

Well: R.W.U. # 97(23-18C)

Well ID: U-02148

Field: Red Wash

43-047-15216

Company: Chevron U.S.A.

Well Location: 518-T7S-R24E NE 1/4 SW 1/4 Address: 11002 East 17300 South  
Vernal, UT

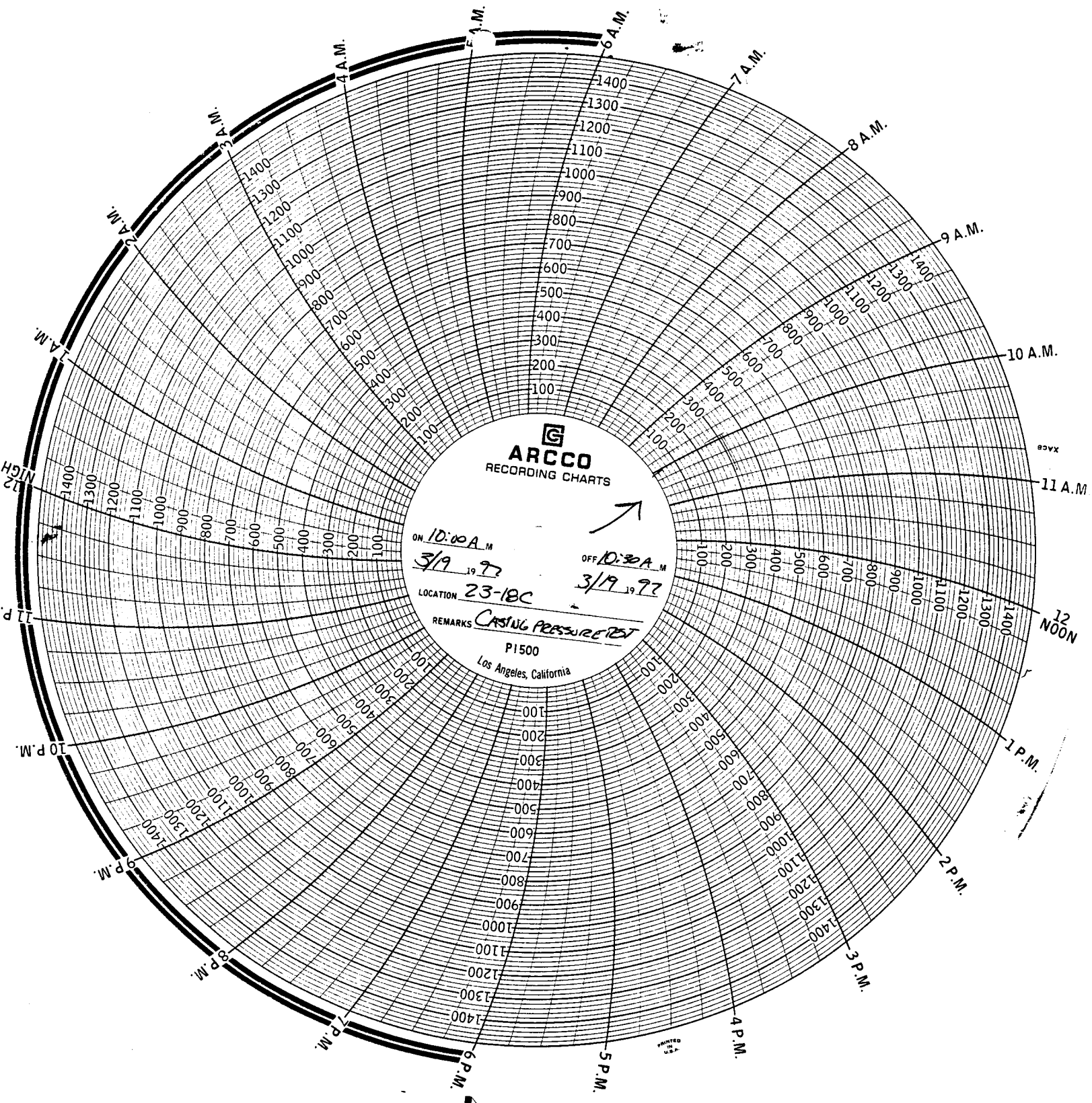
Time	Test #1	Test #2	Test #3
0 min	<u>340</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	<u>310</u>	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	<u>310 PSI</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>0</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: Mike Johnson / BIG RED HOT OIL

See back of page for any additional comments & compliance followup.

This is the front side of two sides



**ARCCO**  
RECORDING CHARTS

ON 10:00 A.M.

3/9 1977

OFF 10:30 A.M.

3/9 1977

LOCATION 23-18C

REMARKS CASING PRESSURE TEST

PI 500

Los Angeles, California

PRINTED  
IN  
U.S.A.



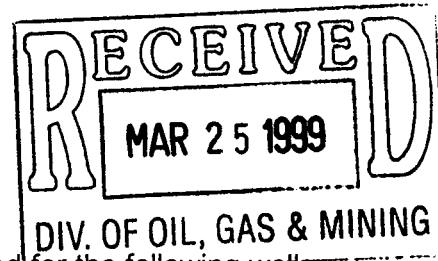
**Chevron**

MARCH 22, 1999

MECHANICAL INTEGRITY TESTS  
RED WASH UNIT - VARIOUS WELLS  
UINTAH COUNTY, UTAH

Chevron U.S.A. Production Co.  
Rocky Mountain Profit Center  
11002 East 17500 South  
Vernal, UT 84078-8526  
(801) 781-4300

MR. JOHN CARSON  
UIC IMPLEMENTATION SECTION  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
8ENF-T



Dear Mr. Carson:

Results of recent mechanical integrity tests are enclosed for the following wells.

RWU #202 (21-34A)	UT02415
RWU #97 (23-18C)	UT02405
RWU #68 (41-13B)	UT02429
RWU #170 (41-15B)	UT02438
RWU #16 (43-28B)	UT02419
RWU #150 (31-22B)	UT02408
RWU #60 (43-30B)	UT02401
RWU #161 (14-20B)	UT02410

Each well was due for testing during March, 1999. If you have any questions or comments, please contact me at (435) 781-4301.

Sincerely,

  
J. T. CONLEY  
RED WASH ASSET TEAM LEADER

cc Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Mechanical Integrity Test  
Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date 3/17/99 Time 9:00 am/pm  
Test conducted by: M. Johnson - BEATON BIG RED HOT OIL  
Others present: \_\_\_\_\_

Well: RWU #97 (23-18C)

Field: Red Wash

Well Location:

NE SW Sec. 18 T7S R24E

Well Status - T.A.

Well ID: API# 43-047-15216

EPA# UTO2405

Company: Chermon USA Prod.

Address: 11002 East 17300 South

Vernal UT. 84078-8526

Time	Test #1	Test #2	Test #3
0 min	<u>400</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	<u>400</u>	_____	_____
15	_____	_____	_____
20	<u>400</u>	_____	_____
25	_____	_____	_____
30 min	<u>400</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>0</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail

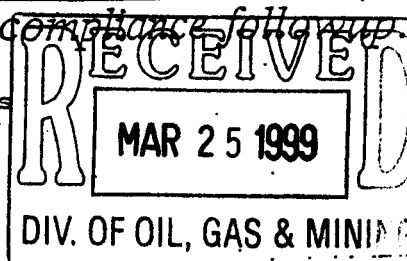
Pass Fail

Pass Fail

Signature of EPA Witness: \_\_\_\_\_

See back of page for any additional comments & compliance follow-up

This is the front side of two sides





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

***SUBMIT IN TRIPLICATE***

## 1. Type of Well

Oil

Gas

☐

Well

☐

Well

☒

Other

MULTIPLE WELLS SEE ATTACHED LIST

## 2. Name of Operator

CHEVRON U.S.A. INC.

## 3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

## 5. Lease Designation and Serial No.

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA, Agreement Designation

**RED WASH UNIT  
I-SEC NO 761**

## 8. Well Name and No.

## 9. API Well No.

## 10. Field and Pool, or Exploratory Area

**RED WASH - GREEN RIVER**

## 11. County or Parish, State

**UINTAH, UTAH**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

## TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒Other CHANGE OF OPERATOR☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.  
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be  
Shenandoah Energy Inc.  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By:

*M. L. Solich*  
Mitchell L. Solich  
President

**RECEIVED**

**DEC 30 1999**

DIVISION OF OIL, GAS & MINING

## 14. I hereby certify that the foregoing is true and correct.

Signed A. E. WackerTitle Assistant SecretaryDate 12/29/99

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH	4-KAS ✓
2. CDW	5- <del>STP</del> ✓
3. JLT	6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01/01/2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

**CA No.****Unit: RED WASH****WELL(S)**

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 100A (43-21A) (wiw)	43-047-15219	5670	21	07S	22E	FEDERAL
RWU 216 (21-27A) (wiw)	43-047-30103	99996	21	07S	22E	FEDERAL
RWU 199 (43-22A) (wiw)	43-047-15301	99996	22	07S	22E	FEDERAL
RWU 61 (12-27A) (wiw)	43-047-16478	99996	27	07S	22E	FEDERAL
RWU 215 (43-28A) (wiw)	43-047-30058	99996	28	07S	22E	FEDERAL
RWU 202 (21-34A) (wiw)	43-047-15303	99996	34	07S	22E	FEDERAL
RWU 68 (41-13B) (wiw)	43-047-16485	99996	13	07S	23E	FEDERAL
RWU 170 (41-15B) (wiw)	43-047-16495	99996	15	07S	23E	FEDERAL
RWU 324 (23-16B) (wiw)	43-047-33084	99999	16	07S	23E	FEDERAL
RWU 88 (23-18B) (wiw)	43-047-15210	5670	18	07S	23E	FEDERAL
RWU 150 (31-22B) (wiw)	43-047-15263	99996	22	07S	23E	FEDERAL
RWU 102 (41-24A) (wiw)	43-047-15221	5670	24	07S	23E	FEDERAL
RWU 263 (24-26B) (wiw)	43-047-30518	99996	26	07S	23E	FEDERAL
RWU 265 (44-26B) (wiw)	43-047-30520	99996	26	07S	23E	FEDERAL
RWU 266 (33-26B) (wiw)	43-047-30521	99996	26	07S	23E	FEDERAL
RWU 269 (13-26B) (wiw)	43-047-30522	99996	26	07S	23E	FEDERAL
RWU 93 (43-27B) (wiw)	43-047-16480	99996	27	07S	23E	FEDERAL
RWU 134 (14-28B) (wiw)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 16 (43-28B) (wiw)	43-047-16475	99996	29	07S	23E	FEDERAL
RWU 139 (43-29B) (wiw)	43-047-16490	99996	29	07S	23E	FEDERAL
RWU 271 (42-35B) (wiw)	43-047-31081	5670	35	07S	23E	FEDERAL
RWU 97 (23-18C) (wiw)	43-047-15216	99996	18	07S	24E	FEDERAL

**OPERATOR CHANGES DOCUMENTATION**1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/19992. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/20003. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/23/2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator  
for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 08/24/2000

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/23/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/23/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

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**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS:**

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# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Red Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

## SUBMIT IN TRIPLICATE

1. Type of Well Oil Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other INJECTOR	5. Lease Designation and Serial No. <b>U-02148</b>
2. Name of Operator <b>CHEVRON U.S.A. PRODUCTION COMPANY</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No <b>11002 E. 17500 S. VERNAL, UT 84078-8526</b> (801) 781-4300	7. If Unit or CA, Agreement Designation <b>RED WASH UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1956' FSL &amp; 1699' FWL (NE SW) SECTION 18, T7S, R24E, SLBM</b>	8. Well Name and No. <b>RED WASH UNIT 97 23-18C</b>
	9. API Well No. <b>43-047-15216</b>
	10. Field and Pool, or Exploratory Area <b>RED WASH - GREEN RIVER</b>
	11. County or Parish, State <b>UINTAH, UTAH</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>TA STATUS FOR WELL</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water
	(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE BELIEVE A RETURN TO INJECTION COULD BE JUSTIFIED IN THE FUTURE.

RECEIVED

APR 17 2000

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Signed <u>D. C. BEAMAN</u> Title <u>OFFICE MANAGER</u> Date <u>04/13/00</u>
(This space for Federal or State office use)

Approved by: The Extension for Shut-in or Temporarily Abandonment may be issued, in accordance with Conditions of approval, if any <u>RE 43-047-15216-1.1, 1.2 &amp; 1.3, upon receipt and review by the Division of Oil, Gas &amp; Mining of</u> Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Title <u>M. Hebertson</u> 10-Mar-2000	Date Accepted by the <u>Utah Division of</u> <u>Oil, Gas &amp; Mining</u>
--	---	--

\*See instruction on Reverse Side

COPY SENT TO OPERATOR  
Date: 4-20-00  
Initials: CHD

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment

Field or Unit name: \_\_\_\_\_ API no. \_\_\_\_\_

Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_

Effective Date of Transfer: \_\_\_\_\_

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski Company Chevron Production Co.  
Signature [Signature] Address 100 Chevron Rd.  
Title Unit Manager Rangely, Colo. 81648  
Date 7/28/00 Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley Company Shenandoah Energy Inc.  
Signature [Signature] Address 11002 E. 17500 S.  
Title District Manager Vernal, UT 84078  
Date 7-21-00 Phone (435) 781-4300

Comments:

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager

Approval Date 8-24-00

RECEIVED

AUG 9 2000

DIVISION OF

# SHENANDOAH ENERGY INC.

11002 E. 17500 S.  
VERNAL, UT 84078  
PHONE: (435) 781-4300  
FAX: (435) 781-4329

## RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

MECHANICAL INTEGRITY TEST  
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8ENF-T)  
999 18TH STREET, SUITE 500, DENVER, CO. 80202-2466

EPA WITNESS: \_\_\_\_\_

DATE: 5/14/2001

TIME: 12:00 AM/PM PM

TEST CONDUCTED BY: MIKE JOHNSON - BIG RED HOT CIL

OTHERS PRESENT: \_\_\_\_\_

WELL:	<u>97(23-18C)</u>	WELL ID:	<u>API 43-047-15216</u>
			<u>EPA UT02405</u>
FIELD:	<u>RedWash</u>	COMPANY:	<u>SHENANDOAH ENERGY INC</u>
WELL LOCATION:	<u>NE SW SEC 18 T7S R24E</u>	ADDRESS:	<u>11002 EAST 17500 SOUTH</u>
			<u>VERNAL, UTAH 84073</u>
WELL STATUS:	<u>TA</u>		

		TEST #1			TEST #2			TEST #3
TIME		CASING PRESSURE	TIME		CASING PRESSURE	TIME		CASING PRESSURE
<u>12:00</u>	0 MIN	<u>1040</u>						
<u>12:05</u>	5	<u>1040</u>						
<u>12:10</u>	10	<u>1030</u>						
<u>12:15</u>	15	<u>1030</u>						
<u>12:20</u>	20	<u>1020</u>						
<u>12:25</u>	25	<u>1020</u>						
<u>12:30</u>	30 MIN	<u>1020</u>						
	35							
	40							
	45							
	50							
	55							
	60 MIN							

START TUBING PRESSURE, PSIG

0-PSI

END TUBING PRESSURE, PSIG

0-PSI

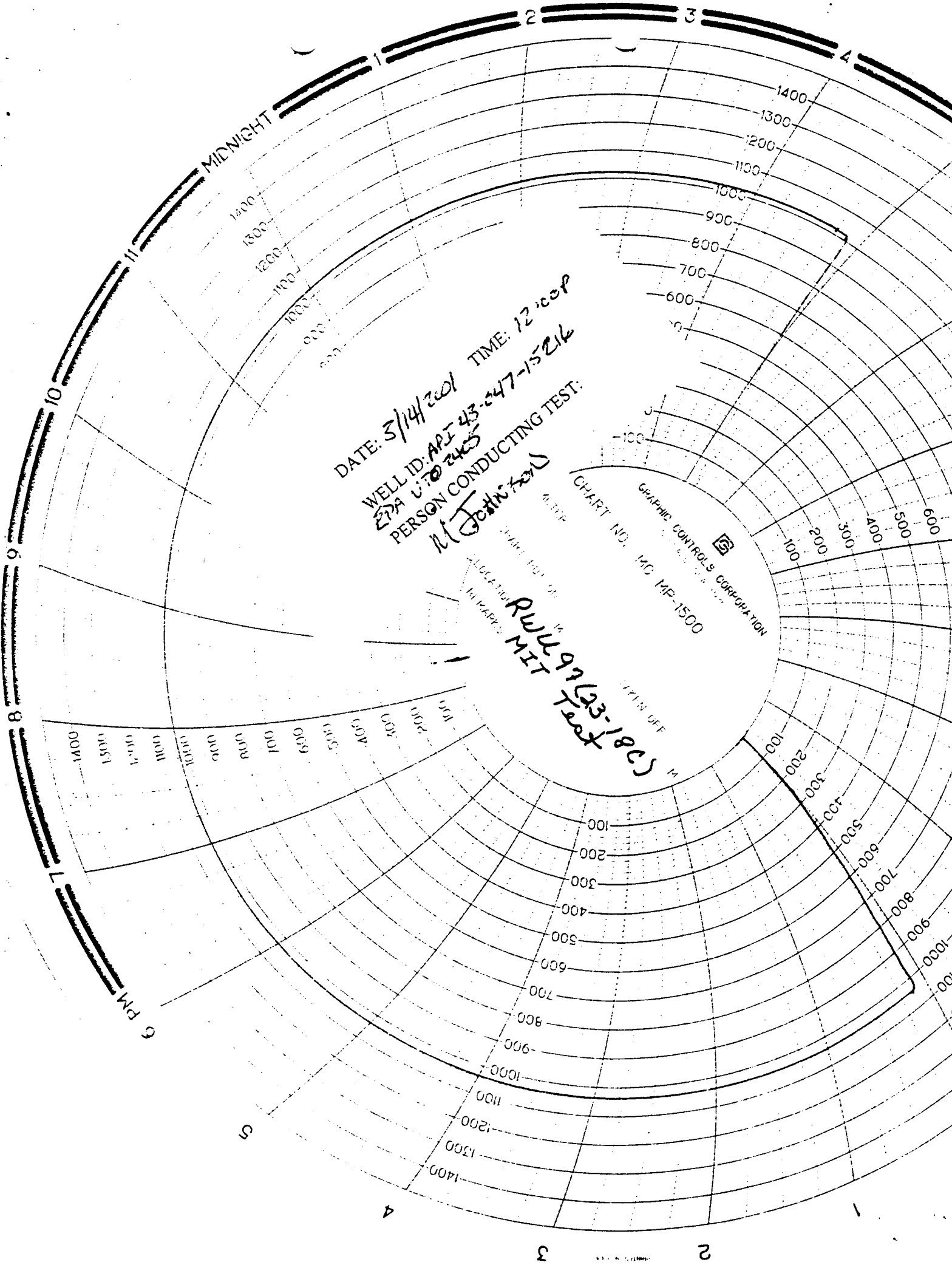
RESULTS (CIRCLE) PASS FAIL

SIGNATURE OF EPA WITNESS: \_\_\_\_\_

DATE: 3/14/201 TIME: 12:00P  
WELL ID: API 43-247-15216  
EPA UIC 2405  
PERSON CONDUCTING TEST:  
M. Johnson

GRAPHIC CONTROLS CORPORATION  
CHART NO. MC MP-1500

Run 9763-18C5  
MIT  
Test



# **SHENANDOAH ENERGY INC.**

---

11002 East 17500 South  
Vernal, Utah 80478  
(435) 781-4300  
Fax (435) 781-4329

March 15, 2001

## **MECHANICAL INTEGRITY TESTS**

**Various Wells**

**Red Wash Unit**

**Uintah County, Utah**

**Mr. Al Craver**

**Underground Injection Control Program**

**United States Environmental Protection Agency**

**Region VIII**

**999 18th Street – Suite 300**

**Denver, Colorado 80202-2466**

**Dear Mr. Craver,**

Results of a recent mechanical integrity tests for several Red Wash Unit wells are enclosed. The wells tested are:

<b><u>Wellname</u></b>	<b><u>EPA ID</u></b>
RWU # 16 (43-28B)	UT02419
RWU # 61 (12-27A)	UT02422
RWU # 68 (41-13B)	UT02429
RWU # 97 (23-18C)	UT02405
RWU #150 (31-22B)	UT02408
RWU #161 (14-20B)	UT02410
RWU #170 (41-15B)	UT02438
RWU #202 (14-20B)	UT02415
RWU #215 (43-28A)	UT02445

Please advise as to the next MIT due dates for this well. If you have any questions regarding the tests, please contact me at (435) 781-4301.

**Sincerely,**

  
**J. T. Conley**  
**District Manager**

**RECEIVED**  
MAR 16 2001  
DIVISION OF  
OIL, GAS AND MINING

cc Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**2/1/2003**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No.

Unit:

RED WASH UNIT

## WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If **NO**, the operator was contacted on: \_\_\_\_\_



6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/10/2003

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/16/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/16/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**



**Questar Exploration and Production Company**

Independence Plaza

1050 17th Street, Suite 500

Denver, CO 80265

Tel 303 672 6900 • Fax 303 294 9632

**Denver Division**

March 31, 2003

Mr. Al Craver (8-ENF-T)  
UIC Program  
U.S. EPA, Region VIII  
999 18<sup>th</sup> Street, Suite 300  
Denver, Colorado 80202-2466

RE: RWU #97 (23-18C)  
UIC # UT200000-02405

*13-047-15216*

Dear Mr. Craver;

Enclosed is a copy of the pressure graph and the casing or annulus pressure test form for the MIT on the subject well. The well successfully passed the MIT and we are awaiting re-authorization to resume injection in the well. The work over rig backed off on the packer and reset it at the same interval and the well held pressure.

If you have any questions, I can be reached at (303) 308-3052. Thanks for your help in this matter.

Sincerely,

Scott M. Webb  
Regulatory Coordinator

CC: Utah Division of Oil Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801  
Attn. Gil Hunt

U.S. Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

# MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: \_\_\_\_\_ DATE: 3-25-03 TIME: 8:37 ☒ AM ☐ PM

TEST CONDUCTED BY: LYNN SMITH (ADVANTAGE OIL FIELD SERV. INC.)

OTHERS PRESENT: DENNIS J. PAVLSON

WELL NAME: <u>RWU #97(23-18C)</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input type="checkbox"/> AC <input checked="" type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>Red Wash</u>		
WELL LOCATION: <u>NESW-18-T7</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S <u>24</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u>	STATE: <u>UTAH</u>
OPERATOR: <u>SHENANDOAH ENERGY INC.</u>		
LAST MIT: <u>3-7-2003</u>	MAXIMUM ALLOWABLE PRESSURE: <u>1793</u> PSIG	

IS THIS A REGULAR SCHEDULED TEST? ☒ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☒ NO

TEST AFTER WELL WORK? ☐ YES ☒ NO

WELL INJECTING DURING TEST? ☐ YES ☒ NO IF YES, RATE: \_\_\_\_\_ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE	TEST #1		TEST #2		TEST #3
TUBING	PRESSURE				
INITIAL PRESSURE	<u>0</u>	PSIG		PSIG	PSIG
END OF TEST PRESSURE	<u>0</u>	PSIG		PSIG	PSIG

CASING/TUBING	ANNULUS	PRESSURE	
0 MINUTES	<u>299</u>	PSIG	PSIG
5 MINUTES	<u>286</u>	PSIG	PSIG
10 MINUTES	<u>284</u>	PSIG	PSIG
15 MINUTES	<u>284</u>	PSIG	PSIG
20 MINUTES	<u>284</u>	PSIG	PSIG
25 MINUTES	<u>283</u>	PSIG	PSIG
30 MINUTES	<u>283</u>	PSIG	PSIG
MINUTES		PSIG	PSIG
MINUTES		PSIG	PSIG
RESULT	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> PASS <input type="checkbox"/> FAIL		

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☒ NO

3000 PSIG

2404-1

2

2-Oct RWU #97 (23-18C)

UT20000-02405

DAY	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	BAR	AMBIENT TEMP.
25 MAR		2003	9:11:40	3	1	0	24.7	58
25 MAR		2003	9:11:56	3	2	0	24.7	58
25 MAR		2003	9:12:13	3	3	129.98	24.7	58
25 MAR		2003	9:12:25	3	4	232.06	24.7	58
25 MAR		2003	9:12:40	3	5	304.85	24.7	58
25 MAR		2003	9:12:56	3	6	297.71	24.7	58
25 MAR		2003	9:13:13	3	7	299.02	24.7	58
25 MAR		2003	9:13:25	3	8	297.52	24.7	59
25 MAR		2003	9:13:40	3	9	295.18	24.7	59
25 MAR		2003	9:13:56	3	10	294.08	24.7	59
25 MAR		2003	9:14:13	3	11	293	24.7	59
25 MAR		2003	9:14:25	3	12	292.29	24.7	59
25 MAR		2003	9:14:40	3	13	291.3	24.7	59
25 MAR		2003	9:14:56	3	14	290.54	24.7	59
25 MAR		2003	9:15:13	3	15	289.46	24.7	59
25 MAR		2003	9:15:25	3	16	289.21	24.7	59
25 MAR		2003	9:15:40	3	17	288.99	24.7	59
25 MAR		2003	9:15:55	3	18	288.7	24.7	59
25 MAR		2003	9:16:11	3	19	288.46	24.7	59
25 MAR		2003	9:16:29	3	20	288.21	24.7	59
25 MAR		2003	9:16:40	3	21	288.02	24.7	59
25 MAR		2003	9:16:55	3	22	287.8	24.7	59
25 MAR		2003	9:17:11	3	23	287.6	24.7	59
25 MAR		2003	9:17:28	3	24	287.39	24.7	59
25 MAR		2003	9:17:40	3	25	287.16	24.7	59
25 MAR		2003	9:17:55	3	26	286.96	24.7	59
25 MAR		2003	9:18:11	3	27	286.78	24.7	59
25 MAR		2003	9:18:28	3	28	286.6	24.7	59
25 MAR		2003	9:18:40	3	29	286.4	24.7	59
25 MAR		2003	9:18:55	3	30	286.19	24.7	59
25 MAR		2003	9:19:11	3	31	285.99	24.7	59
25 MAR		2003	9:19:28	3	32	285.75	24.7	59
25 MAR		2003	9:19:40	3	33	285.55	24.7	59
25 MAR		2003	9:19:55	3	34	285.38	24.7	59
25 MAR		2003	9:20:11	3	35	285.17	24.7	59
25 MAR		2003	9:20:28	3	36	284.98	24.7	59
25 MAR		2003	9:20:40	3	37	284.81	24.7	59
25 MAR		2003	9:20:55	3	38	284.76	24.7	59
25 MAR		2003	9:21:10	3	39	284.7	24.7	59
25 MAR		2003	9:21:26	3	40	284.67	24.7	59
25 MAR		2003	9:21:43	3	41	284.72	24.7	59
25 MAR		2003	9:21:55	3	42	284.64	24.7	59
25 MAR		2003	9:22:10	3	43	284.62	24.7	59
25 MAR		2003	9:22:26	3	44	284.59	24.7	59
25 MAR		2003	9:22:43	3	45	284.65	24.7	59
25 MAR		2003	9:22:55	3	46	284.56	24.7	59
25 MAR		2003	9:23:10	3	47	284.57	24.7	59
25 MAR		2003	9:23:26	3	48	284.54	24.7	59
25 MAR		2003	9:23:43	3	49	284.6	24.7	59

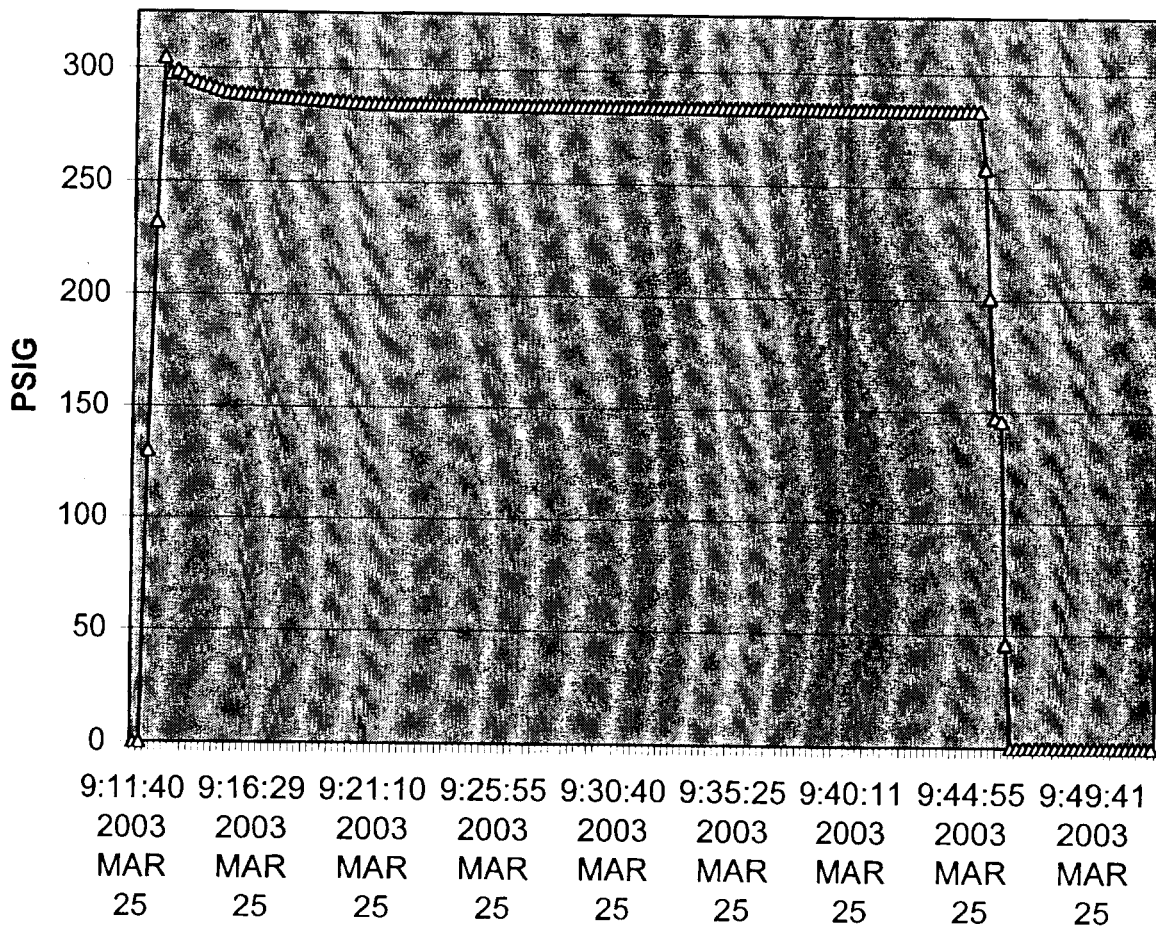
25 MAR	2003	9:23:55	3	50	284.51	24.7	59
25 MAR	2003	9:24:10	3	51	284.5	24.7	58
25 MAR	2003	9:24:26	3	52	284.49	24.7	59
25 MAR	2003	9:24:43	3	53	284.54	24.7	59
25 MAR	2003	9:24:55	3	54	284.46	24.7	58
25 MAR	2003	9:25:10	3	55	284.45	24.7	59
25 MAR	2003	9:25:26	3	56	284.44	24.7	59
25 MAR	2003	9:25:43	3	57	284.51	24.7	58
25 MAR	2003	9:25:55	3	58	284.43	24.7	59
25 MAR	2003	9:26:10	3	59	284.4	24.7	58
25 MAR	2003	9:26:25	3	60	284.4	24.7	58
25 MAR	2003	9:26:41	3	61	284.38	24.7	58
25 MAR	2003	9:26:58	3	62	284.44	24.7	58
25 MAR	2003	9:27:10	3	63	284.34	24.7	58
25 MAR	2003	9:27:25	3	64	284.34	24.7	58
25 MAR	2003	9:27:41	3	65	284.34	24.7	58
25 MAR	2003	9:27:58	3	66	284.37	24.7	58
25 MAR	2003	9:28:10	3	67	284.3	24.7	58
25 MAR	2003	9:28:25	3	68	284.3	24.7	58
25 MAR	2003	9:28:41	3	69	284.27	24.7	58
25 MAR	2003	9:28:58	3	70	284.34	24.7	58
25 MAR	2003	9:29:10	3	71	284.29	24.7	58
25 MAR	2003	9:29:25	3	72	284.27	24.7	58
25 MAR	2003	9:29:41	3	73	284.27	24.7	58
25 MAR	2003	9:29:58	3	74	284.3	24.7	58
25 MAR	2003	9:30:10	3	75	284.21	24.7	58
25 MAR	2003	9:30:25	3	76	284.21	24.7	58
25 MAR	2003	9:30:40	3	77	284.23	24.7	58
25 MAR	2003	9:30:56	3	78	284.21	24.7	58
25 MAR	2003	9:31:13	3	79	284.24	24.7	58
25 MAR	2003	9:31:25	3	80	284.17	24.7	58
25 MAR	2003	9:31:40	3	81	284.19	24.7	58
25 MAR	2003	9:31:56	3	82	284.16	24.7	58
25 MAR	2003	9:32:13	3	83	284.2	24.7	58
25 MAR	2003	9:32:25	3	84	284.15	24.7	58
25 MAR	2003	9:32:40	3	85	284.13	24.7	58
25 MAR	2003	9:32:56	3	86	284.15	24.7	58
25 MAR	2003	9:33:13	3	87	284.19	24.7	58
25 MAR	2003	9:33:25	3	88	284.1	24.7	58
25 MAR	2003	9:33:40	3	89	284.1	24.7	58
25 MAR	2003	9:33:56	3	90	284.11	24.7	58
25 MAR	2003	9:34:13	3	91	284.16	24.7	58
25 MAR	2003	9:34:25	3	92	284.09	24.7	58
25 MAR	2003	9:34:40	3	93	284.07	24.7	58
25 MAR	2003	9:34:56	3	94	284.07	24.7	58
25 MAR	2003	9:35:13	3	95	284.08	24.7	58
25 MAR	2003	9:35:25	3	96	284.01	24.7	58
25 MAR	2003	9:35:40	3	97	284.01	24.7	58
25 MAR	2003	9:35:55	3	98	284	24.7	58
25 MAR	2003	9:36:11	3	99	283.99	24.7	58
25 MAR	2003	9:36:28	3	100	284.09	24.7	58
25 MAR	2003	9:36:40	3	101	284.01	24.7	58

25 MAR	2003	9:36:55	3	102	283.99	24.7	58
25 MAR	2003	9:37:11	3	103	283.99	24.7	58
25 MAR	2003	9:37:28	3	104	284.04	24.7	58
25 MAR	2003	9:37:40	3	105	283.99	24.7	58
25 MAR	2003	9:37:55	3	106	283.98	24.7	58
25 MAR	2003	9:38:11	3	107	283.97	24.7	58
25 MAR	2003	9:38:28	3	108	283.98	24.7	58
25 MAR	2003	9:38:40	3	109	283.92	24.7	58
25 MAR	2003	9:38:55	3	110	283.91	24.7	58
25 MAR	2003	9:39:11	3	111	283.92	24.7	58
25 MAR	2003	9:39:28	3	112	283.96	24.7	58
25 MAR	2003	9:39:40	3	113	283.91	24.7	58
25 MAR	2003	9:39:55	3	114	283.9	24.7	58
25 MAR	2003	9:40:11	3	115	283.91	24.7	58
25 MAR	2003	9:40:28	3	116	283.95	24.7	58
25 MAR	2003	9:40:40	3	117	283.88	24.7	58
25 MAR	2003	9:40:55	3	118	283.88	24.7	58
25 MAR	2003	9:41:10	3	119	283.86	24.7	58
25 MAR	2003	9:41:26	3	120	283.86	24.7	58
25 MAR	2003	9:41:43	3	121	283.89	24.7	58
25 MAR	2003	9:41:55	3	122	283.85	24.7	58
25 MAR	2003	9:42:10	3	123	283.83	24.7	58
25 MAR	2003	9:42:26	3	124	283.82	24.7	58
25 MAR	2003	9:42:43	3	125	283.88	24.7	58
25 MAR	2003	9:42:55	3	126	283.82	24.7	58
25 MAR	2003	9:43:10	3	127	283.81	24.7	58
25 MAR	2003	9:43:26	3	128	283.81	24.7	58
25 MAR	2003	9:43:43	3	129	283.84	24.7	58
25 MAR	2003	9:43:55	3	130	283.82	24.7	58
25 MAR	2003	9:44:10	3	131	283.79	24.7	58
25 MAR	2003	9:44:26	3	132	283.8	24.7	58
25 MAR	2003	9:44:43	3	133	283.82	24.7	58
25 MAR	2003	9:44:55	3	134	283.76	24.7	58
25 MAR	2003	9:45:10	3	135	258.47	24.7	59
25 MAR	2003	9:45:25	3	136	201.09	24.7	59
25 MAR	2003	9:45:41	3	137	147.17	24.7	59
25 MAR	2003	9:45:58	3	138	145.75	24.7	59
25 MAR	2003	9:46:10	3	139	45.882	24.7	59
25 MAR	2003	9:46:25	3	140	0	24.7	59
25 MAR	2003	9:46:41	3	141	0	24.7	59
25 MAR	2003	9:46:58	3	142	0	24.7	59
25 MAR	2003	9:47:10	3	143	0	24.7	59
25 MAR	2003	9:47:25	3	144	0	24.7	59
25 MAR	2003	9:47:41	3	145	0	24.7	59
25 MAR	2003	9:47:58	3	146	0	24.7	59
25 MAR	2003	9:48:10	3	147	0	24.7	59
25 MAR	2003	9:48:25	3	148	0	24.7	59
25 MAR	2003	9:48:41	3	149	0	24.7	59
25 MAR	2003	9:48:58	3	150	0	24.7	60
25 MAR	2003	9:49:10	3	151	0	24.7	60
25 MAR	2003	9:49:25	3	152	0	24.7	60
25 MAR	2003	9:49:41	3	153	0	24.7	60

25 MAR	2003	9:49:58	3	154	0	24.7	60
25 MAR	2003	9:50:10	3	155	0	24.7	60
25 MAR	2003	9:50:25	3	156	0	24.7	60
25 MAR	2003	9:50:40	3	157	0	24.7	61
25 MAR	2003	9:50:56	3	158	0	24.7	61
25 MAR	2003	9:51:13	3	159	0	24.7	61
25 MAR	2003	9:51:25	3	160	0	24.7	61
25 MAR	2003	9:51:40	3	161	0	24.7	61
25 MAR	2003	9:51:56	3	162	0	24.7	61

RWU #97 (23-18C) UT20000-02405

### RW #97 (23-18C ) MIT



Questar Gas Management  
Rt. 2 Box 103-B  
Turpin, Okla. 73950  
Office: (580) 778-3437  
Fax: (580) 778-3421

Ref: Stolen Items at the Beaver Plant

Two (2) ¾ Ton Chevy spare tires. Approx. cost \$640.00  
One (1) ½ Ton Ford spare tire. Approx. cost \$226.00  
One (1) one Ton Chevy spare tire. Approx. cost. \$336.00

Four (4) safety gas cans (steel) cost	\$105.36
Cabinet tool box with rollers. 27"x 18" x 29"	\$476.93
Six (6) drawer chest tool box.	\$366.09
Ratchet wrenches 3/8" / 11/16"	\$67.45
Ratchet wrenches ¾" / 1"	\$67.45
Two sets of 3/8" drive socket set.	\$120.00
End wrench set 3/8" / 11/4"	\$119.00
One ½" drive air impact	\$188.00
One 3/8" drive air ratchet	\$109.00
One lot of screw drivers	\$51.91
One lot of nut drivers	\$41.50
Misc. pliers (tongue & groove, side cutters, Needle nose, slip joint, & vise grips)	\$63.00
One set of ¾" drive socket set.	\$466.99
½" drive hex bit set (1/8"-5/8")	\$125.00
½" drive hex bit set (7/16"-3/4")	\$140.00
Misc. compressor specialty tools	<u>\$2000.00</u>

**TOTAL COST PLUS TAX** **\$5709.68**

This is just a partial list of items that were taken that we know about. If we think of anything else we will add to the list.

Thank you,

Dewayne Crosby  
March 24, 2003





Questar Exploration and Production Company  
Independence Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen  
Division Landman

Enclosure

RECEIVED  
JUN 02 2003  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File – Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

**JUL 07 2003**

3104 (932.34)WF  
Nationwide Bond ESB000024

**NOTICE**

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

**Name Change Recognized**

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFU

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>	API Number
Location of Well Footage : County : <u>Uintah</u> QQ, Section, Township, Range: State : <u>UTAH</u>	Field or Unit Name <u>Red Wash</u> Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: \_\_\_\_\_

CURRENT OPERATOR

Company: Shenandoah Energy Inc  
Address: 11002 East 17500 South  
city Vernal state UT zip 84078  
Phone: (435) 781-4300  
Comments:

Name: John Busch  
Signature: John Busch  
Title: District Foreman  
Date: 9-02-03

NEW OPERATOR

Company: QEP Uinta Basin, Inc.  
Address: 11002 East 17500 South  
city Vernal state UT zip 84078  
Phone: \_\_\_\_\_  
Comments:

Name: John Busch  
Signature: John Busch  
Title: District Foreman  
Date: 9-02-03

(This space for State use only)

Transfer approved by: [Signature]

Approval Date: 9-10-03

Title: Prob-Services Manager

Comments: Case #105-01  
located in Indian Country, EPA  
is primary use agency.

RECEIVED  
SEP 04 2003  
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670 Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670 Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670 Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670 Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670 Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670 Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670 Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670 Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670 Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670 Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670 Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670 Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670 Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670 Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670 Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670 Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670 Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670 Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670 Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670 Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670 Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670 Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670 Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670 Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670 Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670 Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670 Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670 Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670 Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670 Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670 State	WI	I	Red Wash	1274 FSL, 1838 FWL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other	5. Lease Designation and Serial No <b>UTU 02148</b>
2. Name of Operator <b>QEP UINTA BASIN, INC.</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No <b>11002 E. 17500 S. VERNAL, UT 84078-8526</b> <b>Contact: Kirk Fleetwood (435) 781-4341</b> <b>kirk.fleetwood@questar.com</b>	7. If Unit or CA, Agreement Designation <b>Redwash Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1956' FSL, 1699' FWL, NESW, SECTION 18, T7S, R24E, SLBM</b>	8. Well Name and No. <b>RWU 23-18C</b>
	9. API Well No <b>43-047-15216</b>
	10. Field and Pool, or Exploratory Area <b>Redwash</b>
	11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**QEP requests approval to recomplete this well as follows:**

1. Clean out to 5350'
2. Set CIBP at ±5330' capped with 35' cement
3. Perforate 5185-5195', 5234-5240, 5263-5267'
4. Acidize new perms with 750 gallons 15% HCL
5. Place the well on production

**RECEIVED**  
**DEC 23 2005**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Signed <u>Kirk Fleetwood</u>	Title <u>Production Engineer</u>	Date <u>12/22/2005</u>
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>		
(This space for Federal or State office use)	Title _____	Federal Approval Of This Date _____ Action Is Necessary
Approved by: _____	Title _____	Date <u>12/28/05</u>
Conditions of approval, if any	By: <u>[Signature]</u>	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
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CA No.				Unit:	RED WASH UNIT			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**



QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P



QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SESW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SESW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P



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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

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RED WASH UNIT

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA



QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENE	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENE	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENE	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENE	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENE	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENE	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENE	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD



## RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE

DATE 3/16/2007

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

1050 17th Street Suite 500 City: Denver

STATE: CO ZIP: 80265

PHONE NUMBER:

(303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

1/1/2007

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Well Name Changes

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE

DATE 4/17/2007

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED

APR 30 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **Questar Exploration and Production Inc.**

3a. Address  
**11002 E. 17500 S. VERNAL, UT 84078-8526**

3b. Phone No. (include area code)  
**435-781-4341**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1956' FSL, 1699' FWL, NESW, SECTION 18, T7S, R24E, SLBM**

5. Lease Serial No.  
**UTU 02148**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA/Agreement, Name and/or No.  
**Redwash**

8. Well Name and No.  
**RW 23-18C**

9. API Well No.  
**43-047-15216**

10. Field and Pool, or Exploratory Area  
**Redwash**

11. County or Parish, State  
**Uintah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Questar requests approval to plug and abandon this well as follows:**

1. Set cement retainer at 4775'
2. Stab into retainer and squeeze 35 sx cement, unstab and dump 35 sx of cement on top of retainer
3. Fill hole with minimum 9 ppg fluid.
4. Balance plug from 2,717' - 2,917' inside production casing and in production casing x open hole annulus.
5. Perforate production casing @ 276', cement from 276' to surface in production casing and in production casing x surface casing annulus.
6. Cut off wellhead, install dryhole marker

**Work will start after Questar receives BLM, UDOGM and EPA approval**

**RECEIVED**

**MAY 31 2007**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Kirk Fleetwood**

**Kirk.Fleetwod@Questar.com**

Title **Petroleum Engineer**

Signature

*[Handwritten Signature]*

Date

**05/25/2007**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title **Accepted by the**

**Utah Division of Oil, Gas and Mining**

Date

**Federal Approval Of This Action Is Necessary**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

*[Handwritten Signature]*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

***SUBMIT IN TRIPLICATE***

1. Type of Well

Oil

Gas

☐

Well

☒

Well

☐

Other

2. Name of Operator

**QUESTAR EXPLORATION & PRODUCTION CO.**

3. Address and Telephone No.

**11002 East 17500 South - Vernal, UT 84078**

**Contact: dahn.caldwell@questar.com**

**435.781.4342 Fax 435.781.4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEC 18-T7S-R24E, NESW**

5. Lease Designation and Serial No.

**UTU02148**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**RED WASH UNIT**

**8920007610**

8. Well Name and No.

**RW 23-18C**

9. API Well No.

**43-047-15216**

10. Field and Pool, or Exploratory Area

**RED WASH**

11. County or Parish, State

**UINTAH, UT**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other **RECOMP**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**The recomple on RW 23-18C started on 2/6/06 and completed the work on 2/14/06.**

**1- Perforate 5185-95'; 5234' - 5240' & 5263-67'. IFL @ 1800' & FFL @ 2000'.**

**2- Continue in the hole w/swab assembly leaving tools in the hole. RU sinker bars on sandline & tag @ 4400'. ND WH & NU BOP's. POOH w/ pkr & tbg and lay down the pkr.**

**3- RIH w/ NC & 165 jts of 2-7/8" used tbg that was in the well to 5150'. ND BOP & land tbg in hanger. NU WH.**

**4- On 2/14/06 - Return to production for future testing.**

**5- These new perms are WET. Put back on TA Status.**

14. I hereby certify that the foregoing is true and correct.

Signed **Jim Simonton**

Title **Completion Supervisor**

Date **6/27/08**

(This space for Federal or State office use)

Approved by:

Title

Conditions of approval, if any

**RECEIVED**

**JUN 30 2008**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals**SUBMIT IN TRIPLICATE**

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. <b>UTU02148</b>
2. Name of Operator <b>QUESTAR EXPLORATION &amp; PRODUCTION CO.</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>11002 East 17500 South - Vernal, UT 84078</b> <b>Contact: dahn.caldwell@questar.com</b> <b>435.781.4342 Fax 435.781.4357</b>	7. If Unit or CA, Agreement Designation <b>RED WASH UNIT</b> <b>8920007610</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SEC 18-T7S-R24E, NESW</b>	8. Well Name and No. <b>RW 23-18C</b>
	9. API Well No. <b>43-047-15216</b>
	10. Field and Pool, or Exploratory Area <b>RED WASH</b>
	11. County or Parish, State <b>UINTAH, UT</b>

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water
	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>RECOMP</b>

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**The recomplate on RW 23-18C started on 2/6/06 and completed the work on 2/14/06.**

- 1- Perforate 5185-95'; 5234' - 5240' & 5263-67'. IFL @ 1800' & FFL @ 2000'.**
- 2- Continue in the hole w/swab assembly leaving tools in the hole. RU sinker bars on sandline & tag @ 4400'. ND WH & NU BOP's. POOH w/ pkr & tbg and lay down the pkr.**
- 3- RIH w/ NC & 165 jts of 2-7/8" used tbg that was in the well to 5150'. ND BOP & land tbg in hanger. NU WH.**
- 4- On 2/14/06 - Return to production for future testing.**
- 5- These new perms are WET. Put back on TA Status.**

14. I hereby certify that the foregoing is true and correct.

Signed **Jim Simonton**Title **Completion Supervisor**Date **6/27/08**

(This space for Federal or State office use)

Approved by:

Title

Conditions of approval, if any

**RECEIVED**  
**JUL 03 2008**  
**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-02148
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION & PRODUCTION CO		<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> RW 23-18C
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1956 FSL 1699 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 18 Township: 07.0S Range: 24.0E Meridian: S		<b>9. API NUMBER:</b> 43047152160000
<b>PHONE NUMBER:</b> 435 781-4362 Ext		<b>9. FIELD and POOL or WILDCAT:</b> RED WASH
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 2/23/2010	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
Questar Exploration and Production Company reports the following work to plug and abandon has occurred on February 23, 2010 as follows: 1. Set CICA @ 4774', pump 70 sacks under and 35 sacks on top 2. Perforate @ 2912', no rate into perfs, perforate @ 275' 3. Balance a 60 sack plug @ 2966' 4. Pump 180 sacks down production casing through perfs and up annulus until cement at surface 5. Weld on plate GPS coordinates 40.207667 N 109.259606 W BLM representative on location: Jonny Bowen		
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>NAME (PLEASE PRINT)</b>            Jan Nelson         </div> <div> <b>PHONE NUMBER</b>            435 781-4331         </div> <div> <b>TITLE</b>            Permit Agent         </div> </div>		
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>SIGNATURE</b>            N/A         </div> <div> <b>DATE</b>            3/15/2010         </div> </div>		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

DEC 06 2010

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2593-7408  
RETURN RECEIPT REQUESTED

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Ann Petrik, Engineering Analyst  
QEP Resources, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

**FOR RECORD ONLY**

Re: 7S 24E 18  
Underground Injection Control (UIC)  
Permission to Resume Injection  
RW 13-22B Well  
EPA Permit #UT20000-02407  
API # 43-047-15216  
Red Wash Oil Field  
Uintah County, UT

Dear Ms. Petrik:

On November 15, 2010 EPA received information from QEP Resources, Inc. on the above referenced well concerning the workover to address a leaking packer and the followup mechanical integrity test (MIT) conducted on November 2, 2010. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before November 2, 2015.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

**RECEIVED**

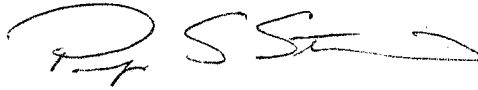
DEC 13 2010

DIV. OF OIL, GAS & MINING



If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

  
Sandra A. Stavnes, Director

UIC/FIFRA/OPA Technical Enforcement Programs

cc: Richard Jenks, Jr., Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Frances Poowegup, Vice-Chairwoman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Stewart Pike, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Irene Cuch, Councilwoman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Curtis Cesspooch, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Mike Natchees, Environmental Coordinator



Ute Indian Tribe  
P.O. Box 460  
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy, Minerals and Air Programs  
P.O. Box 70  
Ute Indian Tribe  
Fort Duchesne, Utah 84026

Dan Jarvis  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114



RECEIVED

Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 02 2015

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***BLM**5. Lease Serial No.  
UTU02148

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
UTU630100

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.  
RW 23-18C2. Name of Operator  
QEP ENERGY COMPANYContact: VALYN DAVIS  
E-Mail: valyn.davis@qepres.com9. API Well No.  
43-047-152163a. Address  
11002 EAST 17500 SOUTH  
VERNAL, UT 840783b. Phone No. (include area code)  
Ph: 435-781-436910. Field and Pool, or Exploratory  
RED WASH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T7S R24E Mer SLB NESW 1956FSL 1699FWL  
40.207680 N Lat, 109.259970 W Lon11. County or Parish, and State  
UINTAH COUNTY, UT**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Final Abandonment Notice
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS WELL WAS PLUGGED AND ABANDONED ON 2/23/2010.

FINAL RECLAMATION WAS CONDUCTED. RECENT MONITORING RESULTS SHOW THAT THE RELATIVE DESIRABLE VEGETATION HAS REACHED THE 75% THRESHOLD AS REQUIRED IN THE BLM GRD RECLAMATION GUIDELINES.

BASED ON THESE RESULTS, QEP ENERGY COMPANY REQUESTS APPROVAL OF THIS FINAL ABANDONMENT NOTICE(FAN).

*See attached*

VERNAL FIELD OFFICE

ENG. \_\_\_\_\_

GEOL. \_\_\_\_\_

ET. \_\_\_\_\_

RECL. \_\_\_\_\_

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #307869 verified by the BLM Well Information System  
For QEP ENERGY COMPANY, sent to the Vernal  
Committed to AFMSS for processing by JOHNETTA MAGEE on 07/07/2015 ()

Name (Printed/Typed) VALYN DAVIS

Title REGULATORY AFFAIRS ANALYST

Signature (Electronic Submission)

Date 07/02/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*****UDOGM**